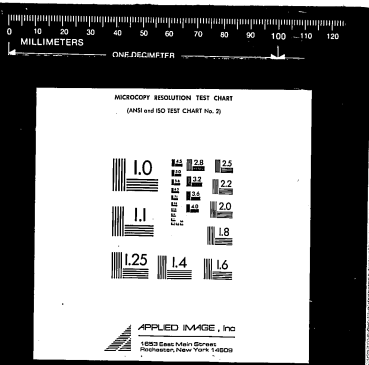

14:1

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Thomas A. Edison Papers

A SELECTIVE MICROFILM EDITION

PART III
(1887–1898)

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Letterbook, LB-041

This letterbook covers the period May-June 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Other letters pertain to mining and ore milling, electric lighting, the phonoplex system, the Edison-Lalande battery, and electric traction systems. Included also are letters to various Edison companies regarding bills for experiments conducted at the West Orange laboratory. There is some material relating to Edison's personal finances, including a list of bonds bought through Drexel, Morgan, & Co. The cover is marked "General Book T.A. Edison." The book contains 498 numbered pages and an index. Approximately 40 percent of the book has been filmed.

May 13, 1890.

Harkness Fire Extinguisher Co.,

Cor. South Fifth Ave. & Houston Street,

New York City.

Dear Sirs:-

In reply to your letter of 2nd instant addressed to Mr. Edison, I beg to inform you that the electrical part of the Automatic Sprinkler System in the Laboratory, is now in order.

Yours truly,

Private Secretary.

May 14/90

N.J. & Penna Concrete Works
Ogden N.J.
Dear Sirs

Enclosed herewith find "duplicate" shipping receipts covering two Dust Separators.

These went forward via the D.L.&W. & Central of N.J.

Yours truly
Edison Laboratory

May 14

N.J. & Penna. Concrete Works
~~Ogden N.J.~~ 14 Dey St New York.
Dear Sirs

Enclosed herewith find "duplicate" shipping receipts covering two Dust Separators.

These went forward via the D.L.&W. & Central of N.J.

Yours truly
Edison Laboratory

May 14, 1890.

The Edison Machine Works,

Schenectady, N. Y.

Dear Sirs:-

I beg to enclose herewith for your attention, the enclosed letter received by Mr. Edison from Archer L. Payne, Roanoke, Va., who writes on behalf of his client, James Garland, who claims that his Lubricating Journal-Bearings device is being used in connection with the Edison dynamo and his patent on the device thereby infringed. I have advised Mr. Payne that his communication has been referred to yourselves.

Yours truly,

Private Secretary.

May 14, 1890.

Messrs. Dyer & Seely,

540 Wall Street,

New York City.

Dear Sirs:-

Replying to your letter of 13th instant, in which are enumerated certain claims in connection with Application #619 rejected by the Patent Office, Mr. Edison says that these claims are no good, and to let them go.

Yours truly,

Private Secretary.

May 14, 1890.

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith bills against the Edison General Electric Company, for experiments conducted by Mr. Edison, from January 1st, 1888 to January 1st, 1890, amounting to $20,220.23. I also enclose Mr. Edison's explanation of these various experiments. Kindly acknowledge receipt.

Yours very truly,

Private Secretary.

May 15, 1896.

Samuel Insull, Esq.,

[illegible] Wall Street,

New York City.

Dear Sir:-

I enclose herewith a letter received this morning by Mr. Edison from Henry B. Auchincloss, in regard to the mortgage held by the latter on the Edison Phonograph Works. I obtained Mr. Auchincloss's consent to pay off this mortgage in March last, but no further action was taken in the matter.

Yours very truly,

Private Secretary.

[ENCLOSURE]

May 14, 1900.

To Whom It May Concern,-

This is to certify that DR. FRANK H. DEEMS was employed in my Laboratory for the past two and a quarter years. All the work entrusted to him during that period was performed in a satisfactory manner. Dr. Deems leaves my employ for the reason that the experimental work upon which he was engaged is finished, and I have no further need of his services.

I can cheerfully recommend DR. DEEMS to any one in need of such assistance as he is capable of rendering.

May 15, 1890.

Mr. Frank M. Deems,

[illegible] Park Avenue,

Orange, N. J.

Dear Sir:-

Replying to your letter of 14th instant, I take much pleasure in enclosing herewith a letter such as you desire, signed by Mr. Edison, which I hope you will find useful in your efforts to obtain a permanent position.

Yours very truly,

Private Secretary.

May 12, 1880.

Samuel Insull, Esq.,

[illegible] Wall Street,

New York City.

Dear Sir:-

Re attached notice of meeting of Board of Directors of Edison Spanish Colonial Light Co., some time ago I sent to this Company Mr. Edison's resignation as President and Director, which resignation has not been withdrawn by Mr. Edison to my knowledge. Did you withdraw his resignation?

Yours truly,

Private Secretary.

May 15, 1899.

Major S. B. Eaton,

No. 120 Broadway,

New York.

Dear Sir:-

I beg to confirm message sent you by telephone this morning from the Laboratory, in reply to your letter of 14th inst., to the effect that if you would send to Mr. Insull's office, No. 44 Wall St., New York, he would give you a check for the amount due Mrs. Lydia L. Ropes, for mortgage and interest thereon, on Silver Lake property, calculated as of the 29th instant, $5,013.30. I enclose herewith bill duly approved, the same having been enclosed with your letter of 14th instant.

Yours truly,

March 26, 1888.

Francis R. Upton, Esq., Gen'l. Manager,

Edison Lamp Company,

HARRISON, N. J.

Dear Sir:-

What do you think of the advisability of putting in all future large stations, 20 c. p. lamps as the lowest unit? The tendency I think is for more light, and the advantage to us of a 20 c. p. lamp is that taking one of our 16 c. p. lamps, 110 volts, we can keep filament same size, but lengthen it to give 20 candles, and this will make it a 132 volt lamp without requiring any more amperes or investment in copper; or, in other words, we can distribute 1/5 more light over our mains without additional cost. Of course, people would use 4 twenty c. p. lamps instead of five 16c in chandelier, and get same light, and we would save 1/5 in lamp breakage and take no more amperes than now. For small towns perhaps we must stick to 16 c. p. lamps. Let me hear from you.

Yours very truly,

May 16, 1884.

J. C. Henderson, Esq.,
Acting Engineer-in-Chief,
United Edison Mfg. Co., New York.

Dear Sir:-

What do you think of the advisability of putting in all future large stations, 20 c. p. lamps as the lowest unit? The tendency I think is for more light, and the advantage to us of a 20 c. p. lamp is that taking one of our 16 c. p. lamps, 110 volts, we can keep filament same size, but lengthen it to give 20 candles, and this will make it a 132 volt lamp without requiring any more amperes or investment in copper; or, in other words, we can distribute 1/5 more light over our mains without additional cost. Of course, people would use a twenty c. p. lamps instead of five 16c in chandelier, and get some light, and we would save 1/5 in lamp breakage and take no more amperes than now. For small towns perhaps we must stick to 16 c. p. lamps. Not as best for you.

Yours very truly,

May, 17, 1899.

Samuel Insull, Esq.,

244 Wall Street,

New York City.

Dear Sir:-

The Edison Phonograph Works are billing against Mr. Edison the phonographs sent to the Lenox Lyceum for exhibition purposes. Is this correct routine? Would it not be better for the Phonograph Works to hold these instruments in a suspense account, and when they are returned, if it is necessary to put any work on them in the way of repairs, bill the cost of same against the persons who have to bear it?

Yours very truly,

Private Secretary.

May 15, 1900.

G. F. Ohmston, M. D.,

S y r a c u s e , N. Y.

Dear Sir:-

With reference to your letter of 14th instant, Mr. [illegible] regrets that he cannot adjust the phonograph which you mention. The machine is evidently one of the old-style instruments, a few hundred of which were made by different manufacturers in Europe and placed upon the market. These instruments are no good, and have no resemblance whatever to the perfected phonograph now being merchandised by the North Am. Phonograph Co., No. 130 Broadway, New York City.

Yours truly,

Private Sec'y.

May 16, 1899.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Co.,

84 Milk Street, BOSTON, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon:

"Have finished report and think can mail it to-morrow. After you receive it you can decide upon date of meeting of full Board to take action."

Yours truly,

Private Secretary.

May 16, 1890.

Chas. D. Shain, Esq.,
Ass't. to Gen'l. Manager,
United Edison Mfg. Co., 255 Fifth Ave.,
New York City.

Dear Sir:-

Mr. Edison has received your letter of 14th instant, enclosing a paper for his signature, which was handed to you by Mr. Edward Payson Weston, representing the Washington Memorial Arch Committee. Mr. Edison has signed the paper, and the same is going forward by to-night's mail to Mr. J. Edward Simmons, Treas'r. of the World's Fair Fund, New York City.

Yours truly,

Private Secretary.

May 16, 189.

H. M. Livor, Esq.,

No. 13 Doy Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 15th instant, and says that he will wait until you get everything going well before he visits Ogden.

Yours very truly,

Private Secretary.

May 13, 1890.

E. W. Scully, Esq.,

Messrs. Dyer & Scully,

136 Wall St., New York.

Dear Sir:-

Mr. Edison has read your letter of 10th instant, in regard to Zipernowsky interference, and says that you can take his testimony in this matter, at the Laboratory on Tuesday next, 20th instant, the date mentioned in your letter.

Yours very truly,

Private Secretary.

May 19, 1890.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Co.,

No. 93 Milk St., Boston, Mass.

Dear Sir:-

I enclose herewith copy of a letter, under date May 16th, 1890, received by me from Messrs. Dyer & Seely, replying to the points pertaining to toy phono. patents raised by your Counsel, Mr. H. K. Brown, and which were embodied in your letter of 9th ult.mo.

Yours very truly,

Private Secretary.

C o p y.

New York, May 13th, 1890.

A. O. Tate, Esq.,

O r a n g e , N. J.

Dear Sir:-

Your letter of 8th instant, enclosing a copy of a letter from Mr. Weld containing some questions pertaining to the patents for toy phonograph was duly received. We will take up the questions in Mr. Weld's letter in the order in which he proposes them, as follows:

(1) We do not understand that you wish us to answer this question, which does not relate to the patents.

(2) The date of the English patent of Jacques, December 17th, is the date when the application was filed. It was therefore later than the Edison application of December 10th.

(3) Mr. Edison's application in Germany was filed March 11, 1890.

(4) We understand this question to refer to the U. S. patents of Jacques, No. 383,299 and 400,851. We do not think these patents are broad enough to prevent Jacques from making <u>any</u> kind of phonograph dolls. The broad idea of putting a phonograph in a doll is at least as old as 1878 and there can be no patent broadly for this combination. The two Jacques patents are for

certain features of construction and unless dolls are made which embody the particular combinations claimed in the patents they will not infringe the patents. If this question refers to the foreign patents of Jacques we are unable to answer it for we have never seen these patents. Assuming however what is probably the case, that the foreign patents are similar to the U. S. patents of course the same answer will be made with reference to them.

(5) We cannot say at present as to the German application of Jacques. If a patent has been issued in Germany we could find out about it from our European agents if you wish us to do so. If the application is still pending in Germany there is no way of finding out about it unless you can get the information from Mr. Jacques or from the attorney or agent through whom the application was filed. Our impression is that Mr. Jacques took out his U. S. patents through Mr. Joseph Lyons, 1003 F Street, Washington, D. C. If Mr. Lyons obtained the foreign patents and if the Toy Phonograph Co. is entitled to ask him for information about them, no doubt it can be obtained in that way.

Yours truly,

(Signed) DYER & SERLY.

Copied by Mr. Logue

May 17, 1900.

Edison Ore[illegible] Milling Co.,

[illegible] Street, Orange, N. J.

Dear Sirs:-

Referring to the interview which I had with your Superintendent yesterday, in regard to obtaining connection to the poles on Valley Road and Mount Pleasant Avenue, for the purpose of carrying three wires from the Laboratory to a nearby right of way Mr. Insull's house in Llewellyn Park, during which interview I learned that between Park Ave. & White St. you have no poles erected, I beg to say that if you will be kind enough to grant us permission to run these wires, we will pay whatever compensation it will be necessary to incur for the erection of poles between the two streets last named, it being of course understood that these are your own property and that to you belongs all privileges pertaining to right of way over them. All that we desire to accomplish is the completion of connection between the Laboratory and Mr. Insull's house in the Park, in the manner described above and we will be greatly indebted to you for the privilege of using your poles.

With relation to running the wires, your Mr. Ehrlich suggested

that you could send your men to do this work, I will of course paying all expenses connected therewith.

Thanking you for any courtesy which you may extend

I am, Yours Very truly

Private Secy

May 17, 1890.

Samuel Insull, Esq.,

411 Wall Street,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 16th instant, returning Mr. Auchincloss's letter with relation to the Phonograph Works mortgage. I have written Mr. Auchincloss, in accordance with your suggestion, and enclose herewith, for your files, copy of his letter.

Yours truly,

Private Secretary.

C o p y.

Orange, May 12th, 1890.

Thomas A. Edison, Esq., President,

Edison Phonograph Works,

Dear Sir:-

Mr. Tate asked consent to pay off this mortgage about 15th March, which I accorded with some reluctance, as I do not care to disturb a good investment.

Two months having passed bringing us to a time when it is my custom to be absent from Orange, and inconvenient to reinvest, I beg to say that it would suit me better not to take the money until November.

If you wish then to pay it off I will not decline.

Yours truly,

(Signed) Henry E. Auchincloss.

May 17, 1900.

Henry B. Auchincloss, Esq.,

Llewellyn Park, N. J.

Dear Sir:-

I have your letter of 14th instant, and beg to say in reply that it will be entirely agreeable to postpone the payment of the Phonograph Works mortgage held by you until November next, as you desire.

Yours very truly,

May 19, 1890.

Thomas R. Lombard, Esq.,

North American Phonograph Company,

No. 160 Broadway, New York City.

Dear Sir:-

This letter will be presented to you by Mr. Arthur W. Langford, who is desirous of securing a position with your Company as a phonograph expert. Mr. Langford was employed in the Laboratory about a year, and at the Lenox Lyceum Exposition which has just been brought to a close, he had charge of one of the phonographs, and the speaking records made by him were very satisfactory. He has a good general knowledge of the machine, and if you can make a place for him I think he could render you good service. He leaves the Laboratory, for the reason that work here is being eased up for the summer, and we are no longer in need of his services.

Yours very truly,

Private Secretary.

C O P Y.

OGDEN, N. J. May 16th, 1906.

Edison Laboratory,

Orange, N. J.

Gentlemen:-

We beg to acknowledge receipt of your favor of the 14th instant, enclosing duplicate shipping receipt for two Dest Separators.

We are pleased to inform you that said Separators have arrived.

Yours truly,

(Signed) N. J. & Penna. Conc'n. Wks.

Per G. W. Rockafar.

May 19, 1890.

Mr. W. K. Maxwell,

Allentown, Pa.

Dear Sir:-

I have your letter of 16th instant, in regard to the "Gilbertsville mill", and in reply beg to inform you that we are going to abandon it and move the mill somewhere not yet decided upon.

Yours very truly,

May 19, 1890.

Edward E. Sage, Esq., President,

The Essex County Electric Co.,

[illegible] Cone St., Orange, N. J.

Dear Sir:-

I beg to acknowledge the receipt of your esteemed favor of 19th instant, notifying me that the privilege asked for in my letter of 17th instant is granted. We appreciate very much your courteous compliance with our request.

Yours very truly,

Private Secretary.

May 19, 1890.

Mr. Thomas Butler,

[illegible] Wall Street,

New York City.

Dear Sir:-

In compliance with your request, telephoned this afternoon, I enclose herewith copy of Certificate of Organization of the Welsbach Lamp Company. The Capital of the Company is One Million Dollars; it has never been increased.

Yours truly,

Secretary.

May 19, 1890.

Col. George E. Gouraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I beg to confirm the following cablegram sent you to-day:-

MUSGRAVE, LONDON. Orange, N. J. May 19, 1890

"Strong parties here offer buy United Company; Seligman's ideas of value absurd. Will you join me in naming price on our half? If so, what are your ideas? Terms practically cash. EDISON."

Yours truly,

May 20, 1890.

Major S. B. Eaton,

1120 Broadway,

New York City.

Dear Sir:-

Re Pooling Agreement between Mr. Edison and Col. Conrad for E. U. P. Co. stock. In accordance with the suggestion contained in your letter of 17th instant, Mr. Edison to-day cabled Conrad as follows:

"Pooling agreement United Company stock delayed pending cable from you to De Ruyter saying it is all right. Please cable him at once
EDISON."

Yours truly,

Private Secretary.

May 20, 1890.

Jesse H. Lippincott, Esq., President,

North American Phonograph Company,

No. 160 Broadway, New York City.

Dear Sir:-

I send you herewith bills amounting to $23,047.94, covering the cost of experiments in connection with the phonograph conducted by Mr. Edison at the Laboratory, during the year 1889.

Yours very truly,

Private Secretary.

May 20, 1890.

Mr. John H. Wood,

18 & 20 Liberty Street,

New York City.

Dear Sir:-

I enclose herewith copy of a letter received by Mr. Edison from Major Eaton, enclosing insurance policies, covering Mr. Edison's residence in Llewellyn Park. The insurance policies mentioned are in the safe at the Laboratory.

Yours truly,

Private Secretary.

C o p y.

New York, May 17th, 1890.

Thomas A. Edison, Esq.,

O r a n g e , N. J.

Dear Sir:-

Re Arnold & Constable Mortgage. I send you herewith the remainder of the policies of insurance recently obtained by me from Messrs. Arnold, Constable & Co., upon each of which I have had noted the assignment of the interest of the mortgagee to yourself, so that they are all now payable to you. These policies are as follows: Nos. 261,409 and 261,524 in the German American Insurance Co.; Nos. 1,234,322 and 1,234,231 in the Lancashire Insurance Co.; of Philadelphia Nos. 210,188 and 210,189 in the Union Insurance Co.; and No. No. 213,180 in the Greenwich Insurance Company 1,243,093 in the Guardian Assurance Co. The total amount of insurance represented by these policies is $47,000 and they cover your dwelling house and other structures erected upon your premises at Orange. All the other policies received by me were sent to you on the 30th ult.

Very truly yours,

(Signed) S. B. E a t o n.

Edward C. Cooley, Esq.,
Sup't. Supplies,
Wes. Union Telegraph Company,
#6 Dey St., New York City.

May 20, 1890.

Dear Sir:-

I have your letter of 17th instant, in regard to the two sets of Quadruplex Instruments kindly loaned me by your Company for exhibition with my other inventions at the Paris Exposition of last year.

My Paris exhibit was reproduced at the Woman's Exchange Fair held in the Lenox Lyceum and which was brought to a close last week. The entire apparatus is to be removed to Minneapolis, Minn., for exhibition at the State Fair which is to open in that City shortly, and I would now request that you kindly permit me to retain the two sets of Quadruplex Instruments until after the Minneapolis Fair, so that my exhibit there may be complete. The Quadruplex is one of the most interesting features of the whole exhibit, and I desire very much that it be included in the display at Minneapolis. Please let me know your decision in the matter at your earliest convenience, and very much oblige

Yours truly,

May 20, 1890.

Major S. B. Eaton,

No. 120 Broadway,

New York City.

Dear Sir:-

I return herewith duplicate copies of the proposed agreement waiving the royalties due from the Edison Phonograph Toy Mfg. Co. for the quarter ending March 31st, 1890, under their agreement of August 6th last, one copy of which I have executed.

I beg to call your attention to the words "other than the United States of America," which occur on the 7th line of the third paragraph, first page of this document. Should it not read "other than the United States of America and Canada?"

Yours very truly,

May 20, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

I return to you herewith the following bills rendered by you against Mr. Edison, for phonographs and phonographic supplies sent to the Lenox Lyceum:-

April 2,	1890		$503
" 7,	"		1.75
" 7,	"		46.68
" 8,	"		239.26
" 9,	"		.36
" 10,	"		15.12
" 10,	"		2.00
" 12,	"		7.60
" 18,	"		1.30
" 23,	"		47.65
" 24,	"		1.08
" 24,	"		5.00
" 24,	"		15.00
May 12,	"		.12

This material should not be billed against Mr. Edison, but should be treated purely as a loan. You should place it in a loan or suspension account. It is probable that the cost of cylinders, and matters of that kind, will be borne by the Edison Gen'l. Electric Company. I am in correspondence with Mr. Howell on this subject and will let you know later.

Yours truly,

Edward Johnson

May 20, 1890.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 17th instant, enclosing remainder of the policies of insurance obtained by you from Messrs. Arnold, Constable & Co. These policies are as follows: Nos. 261,409 and 261,524 in the German American Ins. Co.; Nos. 123422 2 and 1,234,231 in the Lancashire Ins. Co.; Nos. 210,183 and 210,189 in the Union Insurance Co. of Philadelphia; No. 213,120 in the Greenwich Ins. Co., and No. 1,243,098 in the Guardian Assurance Company, the total amount of insurance represented being $47,000.

Yours truly.

May 21, 1890.

Major S. B. Eaton,

No. 120 Broadway,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 17th instant, returning three papers in reference to the Electric R'y. of the United States, which you obtained from me for use in the settlement of the differences between Field and Edison interests, the same being your letter of October 1st, 1888, addressed to myself, and copy of your letter of Feb. 14th, 1885, to D. D. Field, and copy of supplemental agreement between the Edison Electric Light Co. and myself, dated Feb. 4th, 1885.

In addition to the three papers mentioned above, you also received from me, copy of your opinion as to my obligation to turn over to the Light Company future inventions relating to electric railways. If you are through with this paper, will you kindly return it to me, and oblige

Yours truly,

Thos. B. Lawson

May 21, 1899.

George M. Hopkins, Esq.,

S c i e n t i f i c A m e r i c a n,

361 Broadway, New York.

Dear Sir:-

Your letter of 19th instant to Mr. Edison, directing his attention to certain devices for use in connection with the phonograph, has been duly received.

Some time ago Mr. Edison designed a Tromp for the phonograph which worked very well and accomplished the results described in your letter, but the North American Phonograph Co. would not use it.

Yours truly,

Private Secretary.

S. B. Eaton, Esq.,
#120 Broadway, New York City.

May 21, 1890.

Dear Sir:-

I am much obliged for your letter of 17th instant, enclosing copy of release from myself to the Electric Railway Co. of the United States, dated April 29th, 1890, the same having been enclosed with your letter of 17th instant.

Yours truly,

Thos. Edison

May 21, 1890.

Mr. Thomas Butler, Sec'y.,
N. J. & Pa. Concentrating Wks.,
#44 Wall St., New York City.

Dear Sir:-

I beg to acknowledge receipt from you of Certificate No. 83, for 33 shares of the Capital Stock of the New Jersey and Pennsylvania Concentrating Works, the same having been enclosed with your letter of 20th instant.

Yours truly,

Thos. Edison

May 21, 1890.

John Notman, Esq.,

Messrs. Butler, Stillman & Hubbard,

New York City.

Dear Sir:-

Replying to your letter of 19th instant, in regard to Mr. Edison appearing as a witness against Freeman, in the Supreme Court, part IV of New York, I beg to inform you that Mr. Edison will be in readiness to start for New York upon receipt of a telegram from you requesting his presence at the trial in question.

Yours truly,

Private Secretary.

May 21, 1900.

Mr. Hako, President,
Elektrotechnischer Verein,
Berlin, Germany.

Dear Sir:-

I am in receipt of your esteemed favor of 5th instant, informing me that at the last meeting of your Society I was elected an Honorary Member. This information is received by me with a great deal of pleasure, and I beg that you will express to the members of the Elektrotechnischer Verein my grateful thanks for the honor which they have done me in electing me to Honorary Membership. When I next visit Berlin I will try and arrange to meet the members of your Society and thank them personally for their kind action, which I have now the pleasure of acknowledging

Yours very truly,

Thomas A. Edison

May 21, 1890.

Messrs. Paine & Francis,

#38 Pearl Street,

BOSTON, MASS.

Dear Sirs:-

A short time ago I had the pleasure of receiving a visit from your Mr. Paine, from whom I learned that your firm had decided to sever a connection with the Edison Company which has been maintained for the past nine years.

I regret sincerely that any necessity for such action should have arisen. Your experience in the Edison business dates from the commencement of work by that Company, and your ability and energy have placed you amongst the foremost of successful agents.

I consider your retirement a real loss to the Company. You have my heartiest and best wishes for your personal advancement in whatever direction you may decide to operate in the future.

Yours very truly,

Thomas A. Edison

May 21, 1890.

Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

In reply to your letter of 20th instant, I beg to inform you that the Certificate of Organization of the Edison Lamp Company is dated the thirty-first day of December, one thousand eight hundred and eighty-three (1883). It is stated in the Certificate of Organization, Seventh Section, that "the period at which said Company shall commence business is the 5th day of January, 1884." The date of the first meeting of the Incorporators recorded in the Minute Book of The Edison Lamp Co., is the 17th day of January, 1884.

Yours very truly,

Secretary.

May 21, 1890.

Samuel Insull, Esq.,

244 Wall Street,

New York City.

Dear Sirs:-

I enclose herewith bills against the following Edison Companies, for experiments conducted at the Laboratory on their account:

Edison Ore Milling Co.,	Jan. 1, 1890	$141.96.
Edison Lamp Co.,	April 1, 1888	13.56
" " "	Jan. 1, 1890.	202.57
Edison Electric Light Co.		42.33
Edison Machine Wks.,	Jan. 1, 1890.	165.05
" " "	Jan. 1, 1890.	327.16

Mr. Edison's explanation is attached to each of the above

Yours truly,

Private Secretary.

May 21, 1890.

Mr. Samuel G. Burn,

Bryant Bldg., Charlotte,

N. C.

Dear Sir:-

Confirming my telegram of to-day, I beg to enclose herewith check to your order for Five Hundred Dollars ($500), the receipt of which please acknowledge.

I think you had better come North, and bring everything with you, but keep the office for a while yet. My impression is that North Carolina is no good for gold, and there is much better prospects in iron prospecting in mountains of New York State.

Yours very truly,

Thomas A. Edison

May 22, 1890.

Philip S. Dyer, Esq.,

A n t w e r p , Belgium.

Dear Sir:-

I beg to acknowledge receipt of your letter of 10th instant, enclosing translation of a communication which you have received from Dr. Felix de Lalande in regard to the sample cells which I sent him some time ago. We do not meet with the troubles here of which Dr. Lalande complains. The cells work to perfection and give universal satisfaction. Our new catalogue will be completed in the course of a couple of weeks, when we will send you some copies. In this you will find letters-testimonials- which may be of interest to yourself, and also to Dr. de Lalande.

Yours very truly,

[illegible]

May 22, 1890

Daniel Weld, Esq., Sec'y.,

Edison Phono. Toy Mfg. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

Replying to your letter of 16th instant in regard to yearly royalties, Mr. Edison executed a paper yesterday extending the date for the commencement of royalties from the 1st of January to the 1st day of April. I believe that Mr. Lippincott is executing a similar document.

Yours very truly,

May 22, 1890

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following telephone message sent you from the Laboratory this morning:-

"I go to Boston to-night to attend meeting Toy Board to-morrow, when Hutchinson who has just returned from Europe, will explain all that has been done by Yeomans. I think it more than probable that manufacturing report will be referred to a special committee for adjustment. Tate."

Yours truly,

May 22, 1890.

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following telephone message sent you from the Laboratory this morning:-

"Have an order from Frazar this morning for ten Motor Phonographs and about two thousand blanks. Am still holding last check received from him.

TATE."

Yours truly,

May 22, 1890.

Mr. John Birkinbine,

Philadelphia, Pa.

Dear Sir:-

Please see the Reading people again on that lease, and see if they will agree to the modifications herewith:

1st. 20¢ ton merchantable ore shipped away.

2nd. Six months to prospect, secure railroad, and six months to erect plant, I paying taxes and watchman's salary.

3rd. Thereafter minimum tons shall be Twenty Thousand shipped away.

4th. Have privilege of throwing up lease and removing improvements on one year's notice after paying up all dues.

5th. Lease shall run for twenty years.

6th. Privilege of buying after five years for Hundred and Fifty Thousand dollars cash.

The royalty of 20 cents is all we pay in New Jersey, and all the parties think it fair, as we pass through the mill rock running as low as 25 per cent, which is of no earthly value to them.

Yours very truly,

Mr. John Birkinbine,

#25 N. E. City Hall Square,

Philadelphia, Pa.

May 23, 1890.

Dear Sir:-

Mr. Edison has received your letter of 21st instant, enclosing map of West Point Iron Ore Lands, and analyses &c. concerning the ores. In reply Mr. Edison desires me to ask if you cannot see the Phila. & Reading people without him [redacted] and ascertain if they will agree to the terms stated in Mr. Edison's letter to you of yesterday? If so, Mr. Edison could go on to Philadelphia and see them, if necessary.

Yours truly,

Private Secretary.

May 23, 1890.

Mr. S. T. Eaton,

1120 Broadway,

New York City.

Dear Sir:-

In reply to your letter of 22nd instant, Mr. Edison says, all right! Give Whipple a check direct to the order of Hartzuff. I return herewith letter of Hartzuff which was enclosed with yours under reply.

Yours truly,

Private Secretary.

May 23, 1890.

Samuel Insull, Esq.,
344 Wall Street,
New York City.

Dear Sir:-

I beg to confirm the following message telephoned you this morning from the Laboratory:

"Mr. Edison received this morning a notice of a meeting of the Board of Directors of the Edison United Phonograph Co. to be held in the Mills Building to-morrow (Saturday), 24th instant, at twelve o'clock, and he has made the following note upon it for Mr. Insull:

If Willard is to come here Saturday you cannot attend. Connery was here and if I remember right his matter is to come up Saturday. If so, it is too bad, as I assured him you would fight for him. Perhaps his case comes up Monday. How about it?"

Yours truly,

Private Secretary.

May 24, 1890.

Messrs. Dyer & Seely,

436 Wall Street,

New York City.

Dear Sirs:-

I return herewith application papers in Cases 361 and 362, duly executed, the same having been enclosed with your letter of 23rd instant. The word "acids" in the first claim of each of those specifications should be changed to "chemicals or chemical action." The word "acid" also occurs in the fourth claim of Case 362, and should also be changed.

Yours very truly,

Thos. A. Edison

May 27, 1890.

W. J. Johnston, Esq.,

The Electrical World,

New York City.

Dear Sir:-

The proof of the illustration of the Edison exhibit at the Paris Exposition, referred to in your letter of 23rd inst., has been received by Mr. Edison, and he has asked me to thank you for your kindness in sending it to him. Mr. Edison will have the picture framed and placed in his Library.

Yours very truly,

Private Secretary.

May 27, 1890.

Major S. B. Eaton,

#120 Broadway, New York City.

Dear Sir:-

Mr. Edison has received your letter of 23rd instant, relative to his request that you see how he stands with Messrs. Drexel, Morgan & Co. on electric railways in Europe, and also in regard to new contract between the Phonograph Works, the N. A. P. Co. and possibly Mr. Lippincott, and in reply says that there is no great hurry about these matters.

Yours truly,

Private Secretary.

May 26/90

Samd Insull, Esq
44 Wall St
New York

Dear Sir: I enclose herewith copy of letter from Mr Edison to Mr Dillard re pressures on Electric Railway Systems.

This in response to your letter 26th inst. on same subject enclosing copy of correspondence between yourself and Mr Dillard —

Yours truly

[illegible]

[illegible]

Copy

May 27/90

Henry Villard Esq.
Mills Building
New York.

Dear Mr Villard:

Mr Insull has sent me a copy of your letter to him 26th inst, also a copy of his reply which latter is substantially correct.

In former years I used high pressure currents which in connection with a centre rail would cause a loss of 500 H per mile. By using only 50 Volts, as I do now, the loss is reduced to two horsepower per mile. There will be no deterioration whatever

Yours very truly
Thos A. Edison

May 27, 1890.

J. D. Gallagher, Esq.,

No. 721 Broad Street,

Newark, N. J.

Dear Sir:-

I beg to confirm the following telegram which was sent to you to-day by Mr. Edison, in reply to your letter of 24th instant, relative to his testifying as to the use of amyl acetate:-

"Will be ready to testify at two o'clock to-morrow, Wednesday."

Yours truly,

Private Secretary.

May 27, 1890.

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegram sent you today:-

"Insull in Chicago. Think it desirable he be here when you and Mackintosh come on. How will Monday next suit you? A. O. Tate."

Yours truly,

Private Secretary.

From your answer I take it that you will be at the Electric Monday. Is this correct?

May 27, 1890.

J. Edward Simmons, Esq.,

Treasurer, World's Fair Fund,

Fourth Nat'l. Bank, #20 Nassau Street,

New York City.

Dear Sir:-

Enclosed please find check for $151.54, received by me from the Committee for the International Exposition of 1892, the same being my share of the unexpended balance of the Preliminary Expense Fund. I have endorsed this check payable to the Washington Memorial Arch Fund. I also enclose receipt to be handed to Mr. Wm. McMurtie Speer, Secretary.

Yours very truly,

May 27, 1890.

Mr. Chas. D. Shain,

United Edison Mfg. Co.,

#65 Fifth Ave., New York.

Dear Sir:-

Mr. Edison has received your letter of 23rd instant, enclosing check of the Committee for the International Exposition of 1892 for his share of the unexpended balance of the Preliminary Expense Fund. Mr. Edison has endorsed this check payable to the "Washington Memorial Arch Fund," and forwarded the same, together with receipt for Mr. Wm. McHurtie Speer, to J. Edward Simmons, Esq. Treasurer, World's Fair Fund, in accordance with memorandum also enclosed with your letter under reply.

Yours truly,

Private Secretary.

May 27, 1890.

Rev. Dr. Udit,

St. Paul's School,

CONCORD, N. H.

Dear Sir:-

I enclose herewith check to order of St. Paul's School, for $53.15, covering entrance fee for my two boys ($25 each), and $3.15 for school books forwarded. Kindly acknowledge receipt, and oblige

Yours truly,

May 29, 1890.

Francis R. Upton, Esq., Gen'l. Manager,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

Your letter of 24th instant in regard to 20 c. p. lamps, has been duly received, and I note the quotation from letter received by you from F. S. Gorton, of the Chicago Company, in which he refers to 10 c. p. lamps. Mr. Gorton's ideas at the present time may be in favor of lower candle power lamps, but I think with a little persuasion and illustration he could be convinced that 20 c. p. lamps are preferable.

Yours very truly,

May 28, 1890.

My dear Campbell,-

I have duly received your letter of 22nd inst., and will be very glad to do what I can in the way of helping you to a position. Just at this time we are running very light at Silver Lake, and I cannot do anything for you there immediately. I will bear you in mind, however, and will write you just as soon as an opportunity turns up.

Yours very truly,

As soon as I see Mr. Terrell. Have no
Mr. Jno. R. Campbell, an opening in Department
#377 Gates Avenue, this Commercial Off
Brooklyn, N. Y.

May 28, 1890.

Mr. Thomas Butler,

#44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you yesterday afternoon:-

"Say to Mr. Spofford that Mr. Edison wants to get from Dyer copies of all Lieut. Patton's patents before he sees the latter."

Yours truly,

Private Secretary.

May 28, 1890.

The Edison & Swan United Electric Light Co.,

100 Victoria St., London, S. W., England.

Dear Sirs:-

I beg to confirm the following cablegram sent you this morning:-

"EDISWAN, LONDON,

Please send me quickly detailed particulars of your proposed feeder patent disclaimer. Do not file disclaimer until we have opportunity exchange letters as it affects seriously our patents here. Cable then information mailed. Thomas A. Edison."

Yours very truly,

Edison

May 29/90

Edison Lamp Co
East Orange N.J.

Dear Sirs: I enclose I beg to hand you Laboratory bills for April 1890

C & O Gate Spl Experiment	11.20
Lamp Experiment	1758.91

In addition to these there is an amount due us by you of 329.80 on open a/c

Total $ 1602.95

Will you very kindly mail us a Check for this amount tomorrow (Friday) as we are depending upon it for our Pay Roll

Yours very truly

Charles Terry

May 29, 1890.

Major S. B. Eaton,
No. 120 Broadway,
New York City.

Dear Sir:-

In accordance with the suggestion contained in your letter of 27th instant, Mr. Edison cabled yesterday to the Edison and Swan people as follows:-

EDISWAN, LONDON.

May 28th, 1890.

Please send as quickly detailed particulars of your proposed feeder patent disclaimer; do not file disclaimer until we have opportunity exchange letters, as it affects seriously our patents here. Cable when information mailed. Thos. A. Edison.

Mr. Edison received this morning the following cablegram in reply to the above:-

EDISON, NEW YORK.

London May 29, 1890.

"Feeder patent was disclaimed in 1882. Our disclaimer was filed middle April. Brunwell, Moulton agreed impossible maintain patent England without further disclaimer. Will write. EDISWAN."

I return herewith letter of The Edison & Swan Co., dated 15th instant, addressed to your firm, the same having been enclosed with your letter under reply.

Yours truly,

Private Secretary.

May 30, 1890.

Mr. Cl. Adelskold,

V i l l a g a t a n No. 2,

Stockholm, Sweden.

Dear Sir:-

I beg to acknowledge the receipt of your esteemed favor under date 15th instant, stating that you have nominated me for membership in the Royal Academy of Sciences in Stockholm. I shall be very pleased to learn of my election to membership in the Royal Academy of Sciences, and beg that you will accept my sincere thanks for having submitted my name for membership.

Yours very truly,

May 20th 1890

Edison Phonograph Toy Mfg Co
95 Milk St,
Boston Mass.

Dear Sirs:

Mr Tate has handed me draft of a letter which your counsel Mr Hutchinson proposes should be addressed to you by myself and the Edison Phonograph Works jointly, authorizing you to sell all rights for Great Britain, Continental Europe and the Channel Islands free of royalties, and rights accruing under Manufacturing contract provided such sale be effected for not less than £100,000 sterling cash less commissions and expenses and one eighth of the capital stock of a corporation capitalized at not more than £300,000 sterling, which authorization your counsel stated was necessary in order to enable you to wire Mr Ifeomans that transfers free of any rights would be made upon receipt of money and stock or proper instrument to deliver same as per his, Mr Ifeomans, cablegram of 16th inst.

The cablegram from Mr Ifeomans above referred to was to the effect that he would be prepared

E.P.T.M.Co.

prepared to tender money within a few days, and had he done this it is reasonable to assume that he would at the same time have furnished adequate guarantee covering the delivery of stock. He made no request whatever, directly or indirectly for information regarding transfers and the proposition of your counsel means that this assurance together with all rights that Mr Geomans might be able to claim under a free interpretation of the proposed message, is to be given gratis.

The motive of your counsel may be a desire to strengthen Mr Geomans hands in furtherance of the negotiations which are being conducted by the latter, but according to Mr Geomans own testimony he was preparing on the 16th inst. to make an offer of money; No action on your part was solicited and nothing could possibly have been done to elicit a more direct and independent statement than his last cable announcement.

Two weeks have already been covered by Mr Geoman's measure of time, "a few days", yet so far as I am aware

he

#3
E.P.J.No

he has tendered nothing. About six months have passed since Mr Yeomans undertook a mission which on his own word he was to have executed within two weeks after his arrival in Europe, yet nothing has been accomplished and so far as appearances indicate a consummation is as far off as ever.

In view of all circumstances the cablegram proposed by your Counsel is most ill advised. Coupled with the letter which I have been asked to write you, it might be construed to bind all parties absolutely for an indefinite period to Mr Yeomans, rendering impossible the acceptance of a satisfactory bona fide offer from any other source, should such be made, without first compromising with the latter.

I have no idea that you wish to do this and I am sure that your Bona will decline to send the hastily considered cablegram prepared by your Counsel.

The letter which Mr Hutchinson drafts for signatures of myself and the Edison Phonograph Works, addressed to yourselves, is open to exactly the same objections as the proposed

E. P. Ts & Co.

proposed cable grain. Its effect would be to place with you the absolute and unrestricted right to sell out our interests in the Countries named at this or any future time. It does not even suggest that we would be paid for them.

However, we have no intention of conferring such power. We hold our interests in our own hands absolutely. If a bona fide offer is made for the purchase of our rights we are prepared to sell provided the same be satisfactory to us. Should it not be acceptable we will refuse it. No bona fide offer to buy these rights has yet been made. Up to this time we have been invited to contemplate nothing but possibilities - we have not even reached that more advanced, but still uncertain stage, which presents probabilities for consideration.

I am not at all afraid that in writing thus plainly, I shall be misunderstood. I have talked freely with nearly all your Directors and my attitude towards these European negotiations is well comprehended -

over

15

E.P.I.M.Co

and I cannot but think that in expressing my disapproval of the cablegram and letter drafted by your Counsel I am acting in a manner anticipated by your Board.

Yours respectfully

Thomas A. Edison

June 2, 1890.

Dear Miss Lanigan,-

I beg to acknowledge the receipt of your favor of 27th ultimo, enclosing letter of introduction from Mr. W. H. Barrett. I have submitted the correspondence to Mrs. Edison, and while she does not believe that she can communicate anything to you which will interest the public, she will be very glad to have you visit her at Llewellyn Park, when you can explain your purpose to her yourself. Before coming to Orange I would suggest that you write direct to Mrs. Edison and make an appointment.

Yours very truly,

Thomas A. Edison

Miss Alice Graham Lanigan,

1804 Chestnut Street,

Philadelphia, Pa.

June 2, 1890.

Samuel Insull, Esq.,

144 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from the Laboratory this afternoon:-

"Boston Committee on Manufacture will be here to-morrow morning between ten and twelve o'clock. Can you be here at eleven?"

Yours truly,

Private Secretary.

June 2, 1890

My dear Johnson,-

With reference to your letter of 29th ult., as you know, I have not much faith in any kind of storage batteries, but I believe that of all forms known at present, the Corrugated Tubular Plate, in which Stewart is interested, is the best.

Yours very truly,

Thos. A. Edison

W. H. Johnson, Esq.,
Interior Conduit and Insulation Co.,
#16 & 18 Broad St., New York.

June 2, 1890.

Benj. F. Stevens, Esq., President,

Edison Phonograph Toy Mfg. Company,

#36 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"When will your new model doll be ready for inspection of Committee appointed to go to Orange. B. F. Stevens."

"Will be able to advise you definitely to-morrow when model will be completed. Is Committee to be here to-morrow as arranged to deal with report on manufacture? T. A. Edison."

Yours truly,

T. A. Edison

June 3, 1892.

Mr. John H. Wood,
#18 & 20 Liberty Street,
New York City.

Dear Sir:-

I beg to acknowledge receipt from you of the following insurance policies on Mr. Edison's residence, Llewellyn Park, left by you at the Laboratory on Saturday last:-

#2283089,	Liverpool & London & Globe	$10,000	(Furniture)
#2283383,	" " "	2,500	(Dwelling)
#1869,	N. Y. Bowery Fire Ins. Co.	2,500	(Dwelling)
#1570,	" " " " "	3,500	(Furniture)
#586029,	Br. American Assurance Co.	2,500	(Dwelling)
#586031,	" " " "	3,500	(Furniture)
#10716,	The Merchants Ins. Co. of Newark	2,500	(Dwelling)
#10717,	" " " " "	3,500	(Furniture)

Also $2500 insurance on engines, boilers &c., in Laboratory, to be attached to policy No. 511, National Ins. Co.

Yours truly,

Private Secretary.

June 3, 1890.

Mr. Thomas Butler, Sec'y.,

N. J. & Pa. Concentrating Wks.,

144 Wall St., New York.

Dear Sir:-

I beg to confirm the following telephone message sent you to-day:-

"Mr. Edison asks me to call your attention to the Ogden Davenport Copeley and all the Ogden leases upon which we have to make payments at stated intervals. He wants particular care taken that these payments are promptly met and says you must have some system arranged so that there can be absolutely no failure."

Yours truly,

Private Secretary.

June 3, 1890.

Superintendent,

N. J. & Pa. Concentrating Works,

Ogden, N. J.

Dear Sir:-

Mr. Samuel G. Burn, who will hand you this letter, goes to Ogden at my request to [illegible] Please give him any assistance that you can render.

Yours truly,

Thos A Edison

June 5, 1890.

Col. Geo. E. Gounard,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I beg to confirm receipt of your cablegram, dated 24th ultimo, as follows:-

"HOSKINE, N. Y. My ideas value large but unprepared name offer might be assisted by knowing your views and Seligmans can probably get twice as much here as anybody in America would give Dernyter instructed when will mailing machine come money market favorable am preparing."

Yours truly,

[signature]

June 5/90

Edison Phonograph Toy & Co
95 Milk St
Boston Mass

Dear Sirs:

Referring to a conversation which we had at the Laboratory on Tuesday last with your Mr Mackintosh I beg to advise you that Mr Trenell and myself can leave here on Tuesday night next 10th inst. and be in Boston to attend a meeting of your Directors Wednesday morning. Will you kindly call this meeting for as early an hour on that morning as possible. We would like to be able to catch the 10 o'clock express for N.Y. the same afternoon.

Yours very truly

[illegible]

June 5/90

My Dear Weld:

I am sure you do not intend me to take seriously your letter 2nd inst. in so far as you have reference to Mr Edison.

If the Stockholders of the Company really desire to make an investigation of its affairs there is no reason, so far as we are concerned why they should not do so. Indeed we would welcome anything of the kind most heartily, and tender every assistance to place the exact state of affairs before them.

Yours Truly
Jones

Dan'l Weld Esq.
Secy. Edison Illuminating Co.
95 Milk St
Boston Mass.

June 5, 1890.

Mr. William Marshall,

University Bldg., Cor. Waverly Pl.,

New York City.

Dear Sir:-

The Association of Railway Telegraph Superintendents hold a Convention at Niagara Falls on the 10th of this month, at which we are going to make an exhibit of the Edison Phonoplex System of Telegraphy. Messrs. Baumann & Co., of New York, have agreed to supply free of charge the necessary instruments for this exhibition and to stand one-third of the total expense, which will be about $200; the Edison Manufacturing Co. will supply the batteries required and will also stand their proportion of the expense; we will furnish the Expert and pay our proportion of the expenses. Please advise us if you will also assume one-third of the expenses ($66.00) and furnish us with the condensers required which will be purchased by Western Union Office

This ~~advertisement~~ exhibition will be a very good advertisement for the Phonoplex, and inasmuch as any increase in our business will benefit yourself, your condensers being used exclusively, in connection with the system, we think it only fair that you should participate in the expense incidental to the exhibition referred to.

Yours very truly,

June 5, 1890.

J. F. Lewis, Esq., Chairman.
Am. Reception Committee Iron & Steel Institute,
No. 23 Park Pl., New York City.

Dear Sir:-

Mr. Edison desires me to acknowledge receipt of your letter of 3rd instant, informing him of his appointment as a member of the Committee which is to entertain the British Iron and Steel Institute, who hold their meeting in New York this fall, beginning September 23th. This letter is to advise you of his acceptance of the appointment.

Yours very truly,

Private Secretary.

June 6, 1890.

S. B. Eaton, Esq.,

#230 Broadway,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 2nd instant, asking me to construct a motor according to my patent, as discussed between myself and Mr. Clarke, for use in the motor suit, the cost of such construction to be charged to the Edison Electric Light Company. This matter will have my immediate attention.

Yours truly,

Thos A Edison

June 8, 90.

Dear Mrs. Edison,-

Mr. Edison has asked me to write you in reply to your letter to him under date 2nd instant, stating that the matter of the mortgage to which you refer, has already been settled.

Yours very truly,

Private Secretary.

Mrs. W. P. Edison,

Port Huron, Michigan.

Charles Lanier, Esq.,

Messrs. Winslow, Lanier & Co.,

#17 Nassau St., New York.

June 6, 1890.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us yesterday:-

"Mr. E. D. Adams cables me ask Edison's opinion of Turritini of Genova. Will you kindly send me an early reply and oblige Charles Lanier."

"I think Turritini is a first class man in every respect. Edison."

Yours truly,

Thos. A. Edison

June 6, 1890.

Samuel Insull, Esq., Vice-President,

Edison Ore Milling Company, Limited,

#44 Wall St., New York.

Dear Sir:-

An agreement between Mr. Edison and the Edison Ore Milling Co., Limited, covering certain rights in New York State, has recently been executed, and Mr. Edison desires that at as early a date as possible such resolutions as may be necessary to confirm this agreement shall be passed by the Directors of the Ore Milling Co. I notice that the regular quarterly meeting of the Board has been called for June 16th, and I presume that these resolutions will be adopted then.

Yours very truly,

Private Secretary.

June 6, 1890.

Major S. B. Eaton,

#120 Broadway, New York City.

Dear Sir:-

I enclose herewith copies of letters which have been addressed by Mr. Edison and myself to the Officers of the Edison Phonograph Toy Manufacturing Company, covering the period from November 18th, 1889, to May 30th, 1890, and bearing upon the Yeomans transaction.

For the purpose of making our position clear, I will string these on a thread of explanation, commencing from a date a few days prior to November 18th, 1889, when I had an interview with Messrs. Field and Stevens, at the Laboratory, during which the question of the sale of the European doll business was brought up in a general way, and I learned that Mr. Yeomans was a personal friend of Mr. Field, the latter speaking in the highest terms of Mr. Yeomans' character and qualifications.

It was then arranged that Mr. Stevens should have a preliminary interview with Mr. Yeomans, after which, should Mr. Edison look with favor upon the broad proposition of capitalizing and selling the European business, I was to see Mr. Yeomans and hear

that he had to say.

Mr. Stevens called upon Mr. Yeomans on the 15th or 16th day of November, and the result of his interview is embodied in the extract from a letter addressed by him to Mr. Field, dated Nov. 15th, 1889, copy enclosed herewith. Upon receipt of this extract, which was sent me by Mr. Stevens, I handed the same to Mr. Edison.

It is necessary at this point to bear in mind the Eighth Section of License Agreement between Mr. Edison and the Toy Co., under date August 5th, 1889, which provides that

> "No assignment by the second party (the Toy Co.) of this instrument or of any rights thereunder or of the good-will herein given for any country shall be valid without the consent in writing of the first party or his legal representatives etc., etc."

In sounding Mr. Edison as to his ideas upon the proposed sale, the Directors of the Toy Company had this provision in view. The manufacturing and royalty interests were not brought forward until some time later, as I shall hereafter explain.

Mr. Edison gave it as his opinion that a sale of the Company's European business on the lines indicated by Mr. Yeomans, through Mr. Stevens, which contemplated a minimum of 100,000 cash, and [illegible] stock, would be a desirable transaction. And on November 22nd I wrote Mr. Field [illegible], stating that Mr. Edison would [illegible] to make a sale, provided the purchasers of the business [illegible] in the nature of capitalization.

On the 25th day of November I met Mr. R. M. Field at the Albermarle Hotel, New York, and before we started out together to see Mr. Yeomans, I called Mr. Field's attention to Mr. Edison's manufacturing and royalty interest in the foreign business, telling him that I thought there should be some understanding between Mr. Edison and the Company as to a division of the proceeds of the proposed sale. I said that if the business was to be sold it should be disposed of entire; that while Mr. Edison was willing to manufacture for the Boston Company, and depend upon them for his royalties, I did not think he would care to enter into the same relations with people whom he did not know. Mr. Field expressed no views upon this point, except to say that he was not authorized to settle it, and we went to see Mr. Yeomans. The latter expressed himself to us the same as he had previously to Mr. Stevens. He said he would go to London or Berlin and would know within two weeks whether or not he could make a sale. If he found he could not do so he would drop the matter immediately, as he could not afford to spend too much time on it, in addition to which his reputation would suffer from a prolonged negotiation. After he ascertained what he could do he was to advise the Company and they would either accept or refuse, he to get a 10% commission in case a sale was effected, or a certain amount to cover expenses in the event of no sale being made.

My understanding of the matter was that Mr. Yeomans would go to Europe, find out what he could do, and then receive specific

and formal authority to make a sale, which, as he stated, would be a transaction with the Baring Bros. in London or friends of theirs in Berlin.

During this interview I asked Mr. Yeomans if he could as well dispose of the foreign business should Mr. Edison retain his manufacturing and royalty rights. My letter to Mr. Stevens of Nov. 29th, copy enclosed, states his (Mr. Y's) views on this point. after he had so expressed himself, Mr. Field asked me if I was not of the opinion that matters could be arranged between Mr. Edison and the Toy Co. so that the entire business could be sold when the time came, and I said there was no doubt in my mind that a satisfactory arrangement could be made.

On the 26th of November Mr. Yeomans addressed a letter to the Toy Company (copy enclosed) and mailed it to me. I sent a copy to Boston, mailing the original later. Your examination of the Company's records will show what action was taken on this letter.

I was very anxious at this time to have recorded in some definite manner the proportion of the proceeds of the contemplated sale which Mr. Edison was to receive, therefore I wrote a letter to Mr. Stevens on the 29th of November (copy herewith), one reason being that I did not wish the Boston people to be able to say that Mr. Edison had allowed them to enter into a negotiation in the proceeds of which he was to participate without giving them any idea of the portion he intended to claim. I had to force this matter, as none of them would discuss it, saying they desired to

await the return of Mr. Stevens, who was in New Orleans, to which place my letter above referred to was addressed.

Mr. Yeomans sailed some time about the middle of December. You have seen in Boston a record of his work of the first three months.

On the 16th of April the Boston Company addressed a letter to Mr. Edison (copy herewith), in which they make the first official reference to Mr. Edison's manufacturing and royalty rights, a reply to which is embodied in Mr. Edison's letter to the Toy Company, dated April 17th. They replied on the 19th, and Mr. Edison responded on 22nd same month. Copies of this and further correspondence enclosed, all of which explains itself.

I think you will find that these records clearly show First: that whatever may be the relations between the Boston Co. and Mr. Yeomans, the latter has no direct or indirect claim upon Mr. Edison.

Second: that Mr. Yeomans has himself acknowledged that Mr. Edison has not yet committed himself to anything; and

Third: that the Boston Company has admitted the same thing so far as their relations with Mr. Edison are concerned.

Yours very truly,

June 7, 1890.

Mr. Thomas Butler, Secretary,

N. J. & Pa. Concentrating Works,

#44 Wall St., New York.

Dear Sir:-

I enclose herewith Mr. Edison's check on Drexel, Morgan & Co., for $3,300, payable to the order of the N. J. & Pa. Concentrating Works, on account of his subscription to the stock of that Company. Please acknowledge receipt.

Yours truly,

Private Secretary.

Mr. H. M. Livor,
#19 Dey-St., New York.

June 7, 1890

Dear Sir:-

The elevator cups, and the other articles required in connection with the Dust Separators, will be shipped from here to Ogden on Monday next. This in reply to your memo. of 5th inst.

Yours truly,

June 9/90

Dan'l Weld Esq Sec
Address: Reno Co. N.G.O.
95 Milk St Boston

Dear Sir:

Your many thanks for your letter of the inst. informing me that the President desires new models to be presented at the next meeting of the Board. I regret that these cannot be ready by Wednesday.

When Mr Mackintosh was here the other day we had some conversation in regard to finances. Mr Insull was rapidly desired to meet the directors and if possible decide upon a plan which would obviate the difficulties which that question presents. The new models will be ready in about ten days. In the meantime I will advise you when it will be practicable for me to take them to Boston.

Yours very truly

June 9/90

My dear Major Eaton:

Re the attached. Insull and myself will attend the next meeting of Ivy Co Directors when I think we can get them to recognize officially the transfer of Mr Edison's rights to the Edison Phono. Co.

Yours truly

Maj. A. S. Eaton
130 Broadway
N.Y.

June 9/90

Messrs Eaton and Lewis
20 Broadway
New York

Dear Sir: I enclose herewith a notice from the Comptroller's office, State of New Jersey, advising the Edison Phonograph Company that they are liable for a tax of $12.00 on business last year in having this tax remitted. Can the same be accomplished this year?

Yours truly

Secy
E.P.C.

June 9/90

Samuel Insull, Esq
44 Wall St
New York

Dear Sir:

The enclosures were sent to me by Mr. O. H. Dean of Toronto. If you contemplate locating the Canadian Works Electrical than Sherbrooke it would seem that you can obtain power and property as a bonus.

Yours truly

June 9, 1890

Everett Frazar, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 6th instant, addressed to The Laboratory, in which you quote an extract from a communication received by you from Shanghae, suggesting a clock-work motor for the phonograph.

A clock-work motor for use in connection with the phonograph would be impracticable. The objections made by the Chinese to the motor and treadle machines would not be applicable to the water-motor phonograph, which is operated by water with a fall of 40 feet. If a hogshead of water were placed so that the water would fall the distance mentioned, these machines would be available. If you would prefer it, however, we could supply you with batteries which would run the phonograph three times longer than the cells you now use. Perhaps this would also overcome the objections of the natives.

Yours truly,

Private Secretary.

June 9, 1890.

Everett Frazar, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

Replying to your letter of 6th instant, we regret very much that we cannot supply your Shanghae house with two Loud-Speaking Telephones. These Loud-Speaking Telephones require an expert to adjust them, and if we were able to furnish your house in China with the instruments, they would find them useless, unless someone familiar with their operation were on the scene to properly install them./

Yours truly,

Edison Laboratory

By

June 9, 1890.

Francis R. Upton, Esq.,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

Mr. Edison has read your letter of 5th instant and the correspondence which accompanied it from Mr. C. E. Houghton and F. E. Bundy, with relation to a glass horn for use in connection with the phonograph.

Mr. Edison has used glass horns on the phonograph for a number of years, and is familiar with the results obtainable from such devices. Much depends upon the shape of the horn. Mr. Edison would like to have a few of Mr. Hoare's horns for test.

Yours truly,

Private Secretary.

June 9, 1890

Samuel Insull, Esq.,

[illegible] Wall Street, New York City.

Dear Sir:-

I enclose herewith copy of a letter which I received this morning from Daniel Weld, Sec'y. of the Edison Phono. Fgy Mfg. Company.

Yours truly,

C o p y.

Boston, June 7th, 1890.

A. O. Tate, Esq.,

Private Secretary,

Edison's Laboratory, N. J.

Dear Sir:-

We beg to acknowledge the receipt of your three favors of June 5th, with enclosures in order.

The President thinks that it would be advisable to have the new models of the "talking doll" at their next meeting of the Directors. And we have accordingly sent you the following telegram, which we beg to confirm:- "As soon as the Directors are furnished with the new model promised, they are ready to have a meeting. The President can attend no meeting before two o'clock."

Kindly inform us when you can bring on this new model.

Yours very truly,

(Signed) Daniel Weld,

Secretary.

Samuel Insull, Esq.,

#44 Wall Street,

New York.

June 9, 1890.

Dear Sir:-

Mr. Edison has read your letter of 7th instant, enclosing letter from Patterson Brothers, New York, addressed to Mr. Batchelor, in regard to opening an account with them for the Dunderberg Mine.

Mr. Edison has to-day written Patterson Bros., stating that all requisitions for material for the Dunderberg Mine will be issued from this office, as he prefers not to have separate orders issued in this connection. He has also written Mr. S. O. Edison, requesting him not to open any accounts with dealers for supplies for the Mine, but to send all his requisitions to this office, where regular orders will be issued for them.

Yours truly,

Private Secretary.

Daniel Weld, Esq., Secretary, June 9, 1890.

Edison Phonograph Toy Mfg. Co.,

No. 93 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegrams received from you and sent by me:-

"Boston, June 7, 1890. As soon as the Directors are furnished with the new model promised they are ready to have a meeting. The President can attend no meeting before two o'clock. Daniel Weld, Sec'y."

"Orange, June 9, 1890. New Model will not be ready Wednesday. Will advise when. A. O. Tate."

Yours truly,

Private Secretary.

I understand to be that no meeting of Directors will be called until new models are ready

June 9, 1894.

S. O. Edison, Esq.,

Present.

Dear Sir:-

In regard to supplies for the Dunderberg Mine, I would prefer to have you not open any accounts with dealers. You can pay cash for about everything that is required, but should you at any time find it impracticable to buy for cash, send a requisition to me and I will have regular orders issued from this office.

Yours truly,

Thos. A. Edison

June 10, 1890

Samuel Insull, Esq.,

#44 Wall St., New York City.

Dear Sir:-

I enclose herewith bills for experiments conducted at the Laboratory on account of Messrs. Edison and Villard, amounting to $16,538.55.

Yours truly,

Private Secretary.

June 10, 1890.

William H. Meadowcroft, Esq.,

Edison Lamp Company,

Harrison, N. J.

Dear Mr. Meadowcroft,-

Replying to your letter of 7th instant, it will be entirely agreeable for yourself and Mr. Parsell to go through the Laboratory on Saturday afternoon next. Work ceases here on Saturdays, during the summer, at one o'clock p. m., but there will be some one here after that hour who can take you through, unless you desire your friend to see the works in operation, in which case you had better make your visit on some other day through the week.

Yours very truly,

Private Secretary.

June 10, 1890.

Mrs. Ellen Adams,

#186 Summer Avenue,

Newark, N. J.

Dear Madame,-

Replying to your letter of 3rd instant, so far as I can learn, there is no value attached to the shares of the European Telephone Company.

Yours truly,

Private Secretary.

June 10, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Mr. Edison has received notice of a meeting of the Board of Directors of the Edison United Phonograph Company to be held at their office in the Mills Building, New York, Friday, July 11th, 1890, at two o'clock p. m., for the purpose of considering an amendment to Section 3 Article 10 of the By Laws, by striking out the whole of said Section 3 and by inserting in place thereof, a new Section 3, as per copy enclosed herewith.

Yours truly,

Private Secretary.

Proposed amendment to Section 3, of Article X, of the By-Laws of Edison United Phonograph Company, by striking out the whole of the existing Section 3, and by inserting in place thereof an entirely new Section as follows:

Section 3: At all meetings of the Stockholders, absent stockholders may vote by proxy authorized in writing. Proxies need not be sealed or witnessed. Proxies may be filed with the Secretary of the Company in advance of a meeting, as provided for below in this Section, or they may be used without being filed in advance, in the discretion of the stockholders. But if any stockholders shall, prior to the day on which any meeting of stockholders is held or called to be held, file with the Secretary of the Company a proxy, it shall be the duty of the said Secretary to make a note of the same upon the books containing the names of the stockholders provided by Section 1 of this article, and also upon the list of stockholders entitled to vote, and the person holding said proxy shall be entitled to vote at any stockholders' meeting held after the filing of such proxy, until notice has been duly given to the Secretary of the Company by the stockholder of revocation of such proxy; and unless such notice shall have been given at least sixty days before a meeting of stockholders at which the stockholder giving such proxy shall offer to vote, his vote in person or by any other proxy shall not be received; but no proxy shall be valid after three years from the dates thereof.

June 9/90.

Messrs Patterson Bros
27 Park Row
New York

Dear Sirs:

Mr Batchelor has referred to me your letter 30th ult. in regard to an app for the Dunzerbergs lines. Mr S. A. Edison desires to open this a/c as a matter of convenience in ordering supplies, but I would prefer not to have separate orders for material issued in this connection. I have therefore requested Mr S. A. Edison to make requisition on this office for any thing he requires and we will issue your regular orders on dealers, thus preventing confusion which might otherwise arise.

Yours very truly

Thomas A Edison

June 10th/90

C. D. Marangoni Esq.
Pistoia

My dear Sir:

A few days ago I had the pleasure of receiving at my Laboratory your friend Mr Thomas Towley who in your name presented me with a pen-and-ink portrait of myself which you recently executed.

My appreciation of your generosity is hardly greater than my admiration of the rare talent which enables you to produce such exquisite work. All those who have seen it pronounce unanimously upon its excellence as a portrait, and its beauty as a specimen of art.

Yours respectfully

Thomas A. Edison

June 10, 1890.

My dear Insull,-

I have your letter of 7th instant, and note Rathenau's statement, which you quote, in regard to glow lamps. You might ask Rathenau to send on a dozen of his lamps for comparison with ours, and if I cannot beat them, we will then talk business. You can tell him that I also have made a great advance in lamps lately, and am determined that no matter what others may do in this direction, I am going hereafter to beat it.

In regard to the Rock Drill Machine, as soon as we put the drill to work we will be able to give Mr. Rathenau some information concerning it.

Yours very truly,

Thomas A. Edison

Samuel Insull, Esq.,
#44 Wall Street,
New York City.

June 11/90

Geo. P. Kingsley Esq
Orange N.J.

Dear Sir:

I enclose herewith Mr. Edison's Check for $1000 and confirming our Conversation of this morning I wish you would kindly draw a mortgage in favor of Mr. Edison for the same amount on the property of Mrs. Chandler #27 Park St Newark N.J., to run for one year subject to redemption at any time during that period with interest at current rates. Also please attend to the registration of the mortgage.

The money will of course be paid over to Mrs Chandler - she can then hand it to Mr J. J. Murray - so that so far as Mr Edison's transaction is concerned it will be solely with the owner of the property upon which he takes a mortgage

Yours truly

Thos A Edison

June 11, 1890.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

I am in receipt of a letter this morning from A. B. Dick, stating that his Company has commenced suit against A. J. Fuerth, of Newark, N. J., for infringement of the Mimeograph, and that before testimony can be taken in the suit, it is necessary that the Dick Co. file a bond, Mr. Fuerth's attorney having obtained an order from the Court to that effect. Mr. Dick desires me to go on this bond, and I have to-day written him, expressing my willingness to do so. He advises me that you will forward to me the bond for my signature. Please do so.

Yours truly,

Thos. A. Edison

June 11, 1890

A. B. Dick, Esq.,

152 - 154 Lake Street,

Chicago, Ills.

Dear Sir:-

I have your letter of 9th instant, requesting that I go on the bond which you have to file in your suit against W. J. Fuerth, of Newark, N. J., for infringement of the Mimeograph.

I shall be very pleased to comply with your request, and have to-day written Messrs. Dyer & Seely, informing them that I will sign the bond and requesting that they forward it to me for execution.

Yours very truly,

Geo. Ericson

June 11/90

J. P. Murray Esq
39 Park St
Newark N.J.

Dear Sir,

Replying to your letter 10th inst to Mr. Edison I beg to say that I am not satisfied with the form of security which you tendered. I have therefore requested our attorney Mr. Geo. R. Kingsley to draw a mortgage on the property of Mrs Chandler 39 Park St Newark which suit he completes today and Mr. Kingsley will be ready to pay the money over to Mrs Chandler tomorrow. At the same time he will return to you the note which you sent me a few days ago.

Yours truly

Private Secy

3939

June 11, 1890.

J. C. Henderson, Esq.,

Edison General Electric Company,

#44 Wall Stt., New York City.

Dear Sir:-

I enclose herewith copy of correspondence sent me by Mr. R. H. Bowker, First Vice-President of the Edison Electric Illuminating Co. Who constitute the Committee that is to decide the questions raised in connection with this work? I notice that Mr. Bowker in his communication to Messrs. Buchman & Deisler, refers to exhaust steam. My understanding is that condensing engines are to be used.

Yours very truly,

Thomas A. Edison

C. O. Y.

Edison Electric Ill. Co. of N. Y.

New York June 7, 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

My dear Mr. Edison:

In our construction work on the new downtown station, we want to get as much benefit of your counsel as we can, without troubling you very much or diverting you from more important matters.

We are just passing contract of sale and preparing to sign the deeds of property at Pearl and Elm Streets, and to save time we are meanwhile pushing our architects forward on the preliminary arrangements. I take the liberty of forwarding rough draft of some suggestions I am making to them, which will come before the Construction Committee meeting on Wednesday. If you would care to go over such letters or instructions, I will endeavor to have a copy sent to you on which you may scratch any criticisms or suggestions.

In regard to the electrical canvass, we put our best man on Eighth Avenue, with instructions to see how quickly the work could be done, and found that, in such quarters of the city, a good man could only do five or six block-fronts per night. This would mean several months work of skilled men to cover the district for which we need to provide, and as I wrote you previously, the facts that we have been absolutely obliged to jump into the streets before the asphalt paving shut down upon us, and to close negotiations for the site, make such a canvass of really very little use in New York under present circumstances. I have consulted Mr. Henderson in the matter, as you desired, and do not find that his conclusion differs from ours.

I wish to have the New York Company thoroughly in line with your wishes, but you will recognize that a canvass of this sort could not really be made in time to get our work in shape this year.

Very truly yours,

(Signed) R. R. Bowker,

1st Vice-President.

Copy.

June 4, 1890.

Messrs. Buchman & Deisler,
8 West 29th Street,
New York City.

Gentlemen:

In addition to the estimate of time called for by my letter of March 31st, please give me a statement of how you arrived at the rough estimate of $340,000 as approximate cost of building, and about how that is to be divided among the different elements of cost.

In regard to the placing of the supporting side walls and consequent width of building, that should be determined by a calculation of the space necessary on the lower floor, to give plenty of room around the 1,000 h. p. unit, and for the electrical gallery between, and on the boiler room floor for adequate boilers. We do not wish to make the building wider than is necessary for its purposes, as it might be better to leave 30 feet instead of 25 feet on 13th Street, if it gives us plenty of width.

In planning the foundation of the building and for the engine, you need to keep in view the provision of one, or possibly two, driven wells for obtaining an independent supply of water, and of giving space for a brick tank or tanks as large as possible, to receive the exhaust steam, replacing the iron tanks in use in our uptown stations - also, provision should be made for a tank or tanks - perhaps one at either end, for receiving water from the street, so that the pumps shall not exert any suction on the Croton system, as is complained of at the 26th Street Station.

In placing the engine foundations, these should be put as near together toward the center of the building as is practicable, so as to leave as much room at front and rear for purposes of communication and for office room, as can be properly managed. When you visit the Brooklyn Station, please note its arrangement in that particular.

In general, it will probably be desirable, when the both ends of the building are completed, to make the Duane Street frontage an entrance for office purposes, and the Pearl Street frontage the entrance for station and mechanical purposes. There should be on the Duane Street side, if not on both sides, provision for passenger as well as freight elevators, particularly in view of the possible addition of four stories for factory or office purposes. It may be well also, to provide facilities within the elevator shafts, for hoisting to the roof, in place of hoisting from the outside, as we have been obliged to do recently uptown.

It is proposed to run elevators and all other subsidiary

machinery throughout the building, by electric motors instead of by smaller engines, so that the station shall be throughout an object lesson in the practical application of the electric current for power.

In the arrangement of the stacks and other portions of the building relating to steam power, plans should be made by which there may be an alternative throughout every portion of the system, for example - that the exhaust steam may be carried into either stack or both, by such arrangement, and devices as can be operated at any time. This will obviate a considerable difficulty, which we encountered uptown in recent improvements.

It would be well to consider, in the arrangement of the building as well as in the planning of the machinery, the practicability of loading coal directly from cars brought to the station on trucks, so that both the truck and horses may be backed within the lines of the Station building, leaving the sidewalk entirely unencumbered and confining all our work to the station itself. The same cars might be used to take up the ashes, so that one journey of a truck would bring coal and take away ashes. Also adequate arrangements should be made for weighing the coal as it comes to us as also weighing coal, water etc., as delivered to the boilers.

In the facades of the building, the combination of brick with stone trimmings used in the uptown stations, will probably be satisfactory in this, but we should be glad to have any suggestions from you as to the use of the newer types of brick of ornamental colors.

The side walls should have such provision for connection with a possible Elm Street office building as can be made without weakening their structural strength. When the get to a height above the probable height of adjacent building, it would be well to provide for their simple ornamentation in an inexpensive manner, rather than to show an ugly brick wall to the rest of the City.

As it is not impossible that, within a few years, electricity may be produced by direct combustion, without the interposition of steam machinery, or that the supply may be brought from a considerable distance for storage, we should look forward to the possibility that a building, in this valuable quarter, may ultimately be converted into purposes other than Station use, and so far as it is practicable to do so, it would be well in your arrangement of grand stories on the facades, as within the building, to make it easy to transform the building, by providing intermediate floors where the engines and boilers are to be placed.

Some important changes as to the height of the several floors may be necessary as the plans are developed, for instance, the

adoption of the upright type of boiler would make a much higher boiler room necessary.

We give you these points not as things to be kept in mind from the start in all of your plans.

Yours very truly,

First Vice-President

Add

Ventilating shafts and fans to provide better ventilation than up-town.

Vaults to be built in Pearl and Duane Streets up to Elm St. corner.

June 11, 1890

R. R. Bowker, Esq., 1st Vice-President,
The Edison Electric Ill. Co. of N. Y.,
16 & 18 Broad St., New York.

Dear Sir:-

Replying to your letter of 7th instant, I notice in your letter to Messrs. Buchman & Deisler that you refer to exhaust steam being carried into stack etc. My understanding is that condensing engines are to be used in this Station.

Yours very truly,

Thomas A. Edison

June 12,1890.

Samuel Insull, Esq.,

#44Wall St., New York City.

My dear Insull,-

Under Mr. Connery's contract with the Mexican Government, the Phonograph Postal Service which he proposed putting in operation there, should be commenced on the 1st day of July next; otherwise the contract expires. Mr. Connery has asked Mr. Edisnn to address a letter to the Secretary of the Interior, Sr. Rubio, also a letter to President Diaz, asking for an extension of this contract for a period of six months. I enclose herewith drafts of these two letters, which were prepared by Mr. Connery, his idea being that Mr. Edison should state to the officials named that the reason for the delay in commencing the Postal Service, is that Mr. Edison is engaged upon perfecting a phonograph for correspondence of this character, and a mailing phonogram etc.

It seems to me that such letters as these over Mr. Edison's signature, might cause him to become seriously involved with the Edison United Phonograph Co., who, as I understand it, does not yet recognize Mr. Connery's right to the [illegible]

If the life of said postal contract is to be [illegible] mediate [illegible] to [illegible]

Samuel Insull, Esq., -2- June 12, 1890.

I also enclose a letter from Mr. Connery, addressed to Mr. Edison, requesting to be furnished with three new machines suitable for the postal service. Mr. Edison cannot, of course, supply these machines except upon an order from the United Phonograph Company.

What is to be done in this matter?

Yours very truly,

Private Secretary.

June 12, 1890.

Henry Villard, Esq.,
Mills Building,
New York City.

My dear Sir:-

I have made an examination of Lieutenant Patten's patents. There are several inventors ahead of him who have worked up exactly the same system. Lieut. Patten has simply changed the character of the devices. The great trouble with all these systems is, that they do not give satisfactory results on long circuits. He can accomplish what he claims on short lines, where, as a matter of fact, the results are not needed, and many others have preceded him in doing the same thing; but as the lines are lengthened the number of messages that can be sent simultaneously rapidly decreases.

Yours very truly,

June 12, 1890

Dear Mr. Villard,-

I called the other day on Mr. Horace White, and went with him to inspect the Printing Machine which you asked me to examine. I find it is of a practical nature and could easily be made a good commercial machine. But, on the other hand, I feel convinced that there is a big law suit in it somewhere. The principle upon which it is operated is not new, and somebody must have covered it. In any event, if the principle is old, the financing and development of the business would have to be solely on the merit of the machine, as I do not believe that any sufficiently broad patents could be obtained which could not be avoided by competitors. If the inventor's price were low, no great risk would be involved; but upon the terms stated to me, I would not touch it myself or advise anyone else to do so.

Yours very truly,

Henry Villard, Esq.,
Mills Building, New York City.

June 12, 1890

George Henry Knight, Esq.,

#121 Nassau Street,

New York City.

Dear Sir,-

I return herewith the enclosures which accompanied your letter of 11th instant to Mr. Edison, who desires me to say that he does not care to sign the Petition which you propose presenting to the House of Representatives.

Mr. Edison says that a great many patents are now issued covering devices which are absolutely impracticable; that when others succeed in making inventions of a similar character that are practical and operative, these old patents are brought forward for purposes very similar to black mail. If a patent covers a device of any value whatsoever, it is certainly worth the payments proposed under Section 10 of House Bill No. 10,637. If this Section should have the effect of killing all patents on unworkable devices, it would accomplish a most desirable object.

Yours truly,

Private Secretary.

Mr. Insull

June 13, 90.

Message telephoned by R. R. Bowker to Mr. Edison, June 13th, 1890, 5 : 50 p. m.

The name of Schuyler S. Wheeler has been presented to Gov. Hill for a vacancy in the Sub-Way Commission, and Dr. Wheeler wishes me to say that he would be very glad if Mr. Edison would feel justified in sending to Gov. Hill a letter commending him for the position. If he can do so, Dr. Wheeler would like to have a copy of the letter, or telephone word to this office, #16 Broad Street, that such a letter had gone to Albany.

R. R. Bowker,
1st Vice-Pres't.,
Edison E. L. Co, N. Y.

June 13, 90.

Samuel Insull, Esq.,

Mr. Edison asked me to refer to yourself the attached message which has just been received from Mr. R. R. Bowker. If you approve of sending a letter to Gov. Hill, endorsing Dr. Wheeler, Mr. Edison would like you to draft such a letter, for his signature.

Respectfully,

[illegible]

June 12, 1890

Mr. Johann Fessenko,

Mayor of the City of Charkow,

Russia.

Dear Sir:-

I beg to return herewith the map and list of questions which were enclosed with your esteemed favor under date 5th ultimo addressed to Mr. Edison. The latter has asked me to refer you for the information which you desire in regard to the installation of an electric lighting plant in your city, to the COMPAGNIE CONTINENTALE EDISON, No. 8 Rue Caumartin, Paris, France, which Company will be glad to furnish you with all particulars on that subject.

Thanking you for your letter, I beg to remain

Yours very truly,

Private Secretary.

June 14, 1890.

J. M. Bancroft, Esq.,

#68 William St., New York City.

Dear Sir:-

Mr. Edison has asked me to thank you for your letter of 10th instant, enclosing sketch showing an arrangement for collecting ground tan bark, which is being adopted by some tanneries. Mr. Edison has referred the correspondence to Mr. H. M. Livor, Gen'l. Manager of the New Jersey & Pa. Concentrating Works, #10 Bay St., New York City, for his opinion in regard to the matter.

Yours very truly,

Private Secretary.

June 14, 1890.

H. M. Livor, Esq.,

#19 Dey Street, New York City.

Dear Sir:-

Mr. Edison has asked me to refer to you the enclosed letter received by him from Mr. J. M. Bancroft, the gentleman who made the survey of the Ogden Mine for the Insurance Companies. Attached to Mr. Bancroft's letter is a sketch showing an arrangement for collecting ground tan bark, which is being adopted by some tannories. Mr. Edison would like to know what you think of this arrangement and whether it could be utilized by us at Ogden.

Yours truly,

Private Secretary.

June 14, 1890.

R. R. Bowker, Esq., 1st Vice-President,

Edison Electric Illuminating Co. of New York,

16 & 18 Broad St., New York City.

Dear Sir:-

I beg to confirm the following message which was telephoned you from the Laboratory to-day:-

"Referring to your message of yesterday, I do not think that it would be becoming of me to write the Governor with relation to what is practically a political office. I have had a talk with Mr. Insull on the subject and have asked him to see you about it Monday."

Yours very truly,

Thomas A. Edison

June 14th 1890

To His Excellency,
General Porfirio Diaz
President of Mexico.

My Distinguished Friend

I have the honor to inform you, that I have requested an extension of six months more time before commencing the Postal Phonograph service provided for by the contract negotiated with your government by Mr Bonney and Mr Perniche.

I beg that you will use your influence to gratify my wishes in the matter.

The delay asked for is entirely in the interests of your government.

With the highest respect and trusting that I may have the pleasure of seeing you when you again visit this country.

I am your obedient servant

Thomas A Edison

June 14th 1890

To His Excellency,
Sr Don Manuel Romero Rubio
Secretary of Gobernacion

Dear Sir;-

I have asked Mr Bonney to apply for another extension of time for six months before beginning the postal phonograph service provided for by Mr Bonney's contract with your government. Mr Bonney is unwilling to do so, fearing that you will consider such an application unreasonable. Therefore I write direct to yourself to explain the reasons for such an application.

I am engaged in perfecting the apparatus suitable for the service, which I desire to be perfect the moment it begins.

You will see by the specimens of small cylinders and boxes which I shall send to you, what I have already done to adapt the machine more completely for the phonograph service.

I am now at work on

(2)

on other improvements, and as no harm can be done by a further delay I have no hesitation in asking you to grant another six months extension.

I would thank you to cable me on receipt of this letter your answer, so that I may clearly understand your position. The delay is entirely in the interest of your government.

I have also written a personal letter to General Diaz explaining my letter to Your Excellency.

With the highest respect and a pleasant recollection of our meeting when you were in the United States,

I am yours very respectfully

Thomas A. Edison

June 16th 1890.

Messrs Drexel Morgan & Co
23 Wall Street
New York

Dear Sirs.-

I beg to enclose you herewith check for $ 70,000. 00/100.

Please place same to my credit and oblige

Yours Truly
Thos. A. Edison
R.

June 17, 1890.

Charles Lanier, Esq.,
Messrs. Winslow, Lanier & Co.,
#17 Nassau St., New York.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Adams cabled declined receive project from Rau President without Edison's consent or give interest syndicate requested. Chas. Lanier."

"Of course I have nothing to do with their taking interest in Syndicate, but object to contracting for cable when we can make it here and save hundred fifty thousand dollars. Edison."

Yours truly,

Thomas A. Edison

June 17, 1890.

Compagnie Continentale Edison,

P a r i s , France.

Dear Sirs:-

I beg to confirm the following cablegrams exchanged between us yesterday:-

"In accord with Adams we ask your agreement our entering concours magara cable answer. EDISON, Paris."

"I intended purchasing complete cable outfit for manufacturing here from you if Adams was agreeable. It would be folly to pay forty per cent duties. Edison."

Yours truly,

Thos. A. Edison

June 17, 1890.

Chas. Lanier, Esq.,
Messrs. Winslow, Lanier & Co.,
New York City.

Dear Sir:-

I beg to confirm the following telegram sent you yesterday:-

"Advise Adams not commit himself to French Edison Company. I intended purchasing from them apparatus to manufacture cable here. It would be folly to pay forty per cent duties; factory would be clear profit and could always do a good business outside. Edison."

Yours truly,

Thomas A. Edison

June 17, 1890.

Messrs. Dyer & Seely,

#36 Wall Street,
New York City.

Dear Sirs:-

Mr. Edison has made the following note on your letter of 16th instant in regard to the King interference:

"Suppose you take this matter up and get what you can out of it. I will divide liberally."

Yours truly,

Private Secretary.

June 17, 1890

Major S. B. Eaton,
#120 Broadway, New York.

Dear Sir:-

I am much obliged for your favor of 14th instant, enclosing copy of agreement between myself and the Edison Phonograph Toy Mfg. Co. waiving royalties for the quarter ending March 31st, 1890.

Yours truly,

Thomas A. Edison
N.

June 18th 1890

Francis R. Upton Esq.
Newark N. J.

Dear Sir:-

Mr. Edison wished me to send you the following:-

"Write Mr Upton to send over in wagon one hundred lamps that are thrown out as resistance lamps.

I want to Experiment to see how many can be saved, send them just as they come, don't pick them, if cracked anywhere never mind send them all the same."

(signed Edison)

Very truly
John R. Randolph.

June 17,1890.

Francis Lynde Stetson, Esq.,

#5 William St., New York City.

Dear Sir:-

I beg to confirm the following telegram which was sent you to-day by Mr. Edison, in reply to your letter of 16th instant:

"Buffalo, fifty-two thousand lights in private dwellings; if light sold cheap enough there will be twenty-five thousand lights additional in lower class private houses; forty thousand lights in business part, with arc lights say ten thousand horse power for lighting. In addition to this total power is thirty-two thousand eight hundred horse power, of which fifteen thousand would have to take our power on account cheapness. EDISON."

Yours truly,

Private Secretary.

Samuel Insull, Esq.,

#44 Wall Street, New York City.

June 18, 1890

Dear Sir:-

In the absence of Mr. Tate, I beg to hand you the following answers to the questions contained in your telephone message of 17th instant, in regard to the Edison Lamp Company:

(1) I am unable to give you a complete list of the stockholders, with their addresses and the number of shares held by each, for the reason that the stock book is not in this office. I understand it is in the hands of Mr. Marcus, Secretary of the Edison Gen'l Electric Co. The following is a list of the stockholders as I recollect them:

Thos. A. Edison, Orange, N. J.
F. R. Upton, Edison Lamp Co., Harrison, N. J.
Chas. Batchelor, #33 W. 25th St., New York.
Rosina Batchelor, #33 W. 25th St., New York.
Wm. Holzer, Menlo Park, N. J.
Jno. W. Lawson,
Jno. W. Howell, c/o Edison Lamp Co., Harrison, N. J.

(2) The principal office of the Company, for holding meetings according to the By-Laws, is at Harrison, N. J.

(3) Article 13 of the By-Laws provides that the Directors shall meet at Harrison, N. J.; also that special meetings of the Directors may be held at any time by order of the President, after five days notice in writing mailed to each Director at his residence or place of business; and that the Directors may meet at any place designated by the President either within or outside of the State.

Samuel Insull, Esq.

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June 18, 1890

(5) The following is a list of the Board of Directors, with their addresses:

Thos. A. Edison, Orange, N. J.

Charles Batchelor, 44 W. 25th St., New York.

Samuel Insull, 44 Wall Street, New York City.

Francis R. Upton, Edison Lamp Co., Harrison, N. J.

J. P. Ord, 44 Wall Street, New York City.

Yours respectfully,

Thomas A. Edison

June 19, 1890

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison General Electric Co.,

#44 Wall St., New York City,

Dear Sir:-

I beg to enclose herewith Mr. Edison's criticism on the report on the Lamp Company made by Mr. Rathenau, copy of which accompanied your letter of 17th instant to Mr. Edison, together with copy of Mr. Upton's comments and letter from Mr. Marcus, all of which papers I return herewith, as requested.

Yours very truly,

Private Secretary.

June 18, 1890

Mr. Rathenau's statements are somewhat mixed. Not fully comprehending the relations Mr. Rathenau bore to our business, he was not shown through the whole of the regular factory, nor the branch factory, five miles distant, where the most important operations take place.

Mr. Rathenau states that the process is about the same as that originally employed. Now to illustrate, he saw about a dozen hands working glass the same way as he does it, and perhaps not so economically, which men were making about 2,500 lamps per day, the remanents of a gang of 75 men now discharged. But he did not see the room where the glasswork for ten thousand lamps daily was turned out by machinery at a price half what he could possibly do it for, notwithstanding his cheap labor.

His statement that we using old processes would find it difficult to sell the product against foreign competition if patents should cease to give necessary protection. The answer to this is, that there are 45 per cent duties on selling price in Europe, not manufacturer's price; and, secondly, we have never had any protection from our patents. Now he could talk about

(2)

amortizing capital against expiration of patents when he is perfectly aware that there is and has been for years a terrible competition between us and a dozen other lamp factories, is more than I can understand.

We do a large lamp business in Europe. Mr. Rathenau is perhaps unaware of a peculiar fact in relation to our lamp business. It is this: Mr. Rathenau, Siemens and every maker of lamps in the world uses the flashing process---a process which is used because they cannot make good lamps without it. The patent for this process is owned by other parties in this country, and not by us. The Edison Company have never stolen or infringed a patent yet, and never will if I can prevent it, and notwithstanding that the competitor who owns the patent in question has infringed more than 50 of ours, we have not used what is his in retaliation. Now Mr. Rathenau's lamps, if he were to discard the flashing process, would be utterly worthless. In the past six years I have heard from Mr. Rathenau about semi-annually in regard to the great advances he has made in lamps, the idea being that he has some secret process etc. which we ought to buy. It has been the practice of the Lamp Co. for years to buy in the market every month in all parts of the world, one dozen lamps of each maker and set them up for life test. Mr. Rathenau saw these test rooms in operation in my Laboratory. We know within a month the advance made by our competitors. We have seen no advance by Mr. Rathenau in the last year. His lamps are not so good as Siemens, who by the way, makes

the best lamps in Europe. We get more lamps per horse power and have a longer life than R's lamps; and I am not afraid to hazard the assertion that we can lay down lamps in Berlin cheaper and better than Rathenau's. I propose to ram this assertion home on Rathenau by having tests made in Germany in competition as to life and economy and our books will show regarding cheapness.

The trouble with Rathenau is that he has always something to sell. He is a very good engineer, with the advantage of being a good business man, which is a rare combination, but he must not go romancing about things without sufficient data.

Edison

Bonds re
Bought through Messrs Drexel Morgan & Co
for
Thomas A. Edison -

Name	Amount bought		Paid for same			
N. Y. Lackawanna & Western R. R.	50.000	00	67,770	83		
N. York Shore R. R.	100.000	00	105.827	50		
City of Hartford	50.000	00	49.562	56		
United N. J. R. R.	100,000	00	108,775	00		
N. Y., N. H. & Hartford R. R.	10.000	00	11,041	89		
Cincinnati, Ind. St. Louis & Chicago R. R.	100.000	00	100.402	78		
N. Y. Central R. R.	50.000	00	66,237	50		
	460,000	00	508,617	36		

Orange N. J. June 19th 1890

Mr Insull.

I dont know how many Bonds have been bought as Messrs Drexel Morgan & Co. dont state the number. Will you get that information for me or shall I have a letter written from here

Very truly J. F. Randolph.

June 19, 1890

Edison Lamp Company,

Harrison, N. J.

Dear Sirs:-

If you are not using the Hand-Screw-Press which you have in the factory---the one that was used for making carbon buttons---Mr. Edison would like you to send it to the Laboratory, as he wants to utilize it in connection with an experiment.

Yours truly,

Edison Laboratory

June 19, 1890

Major S. B. Eaton,

#120 B r o a d w a y,

New York City.

Dear Sir:-

Mr. Edison is much obliged for your favor of 18th instant, enclosing copy of your proposition in regard to Mr. Wise.

Mr. Edison says that Mr. Wise should not have better terms than you---in fact less, and he is of the opinion that you could get a much younger, sharper and perhaps better man than Mr. Wise for less money.

Yours truly,

Private Secretary.

June 19, 1890

Major S. B. Eaton,

#120 B r o a d w a y,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 17th instant, in regard to proposed contract with the General Co. to give three-fourths of his time for five years, and has made the following note upon it:

> " O.K. I give more time to Lippincott than he pays for. He has never paid a cent for experimenting yet, amounting to say $40,000."

Yours truly,

Private Secretary.

June 20, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 19th instant, stating that on the date mentioned you deposited with Messrs. Drexel, Morgan & Co., for his account, your check for $12,211.80, in settlement of statement which accompanied your letter.

The statement has been handed to Mr. Randolph, and as soon as he checks it you will be advised as to whether we agree in the correctness of your figures.

Yours truly,

Private Secretary.

June 20, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between us to-day:

"The understanding we had on Saturday last was that you should send the Mexicum machines from the Laboratory. If they are sent from Phonograph Works it will be an absolute breach of contract. I would suggest that you order the machines sent up to the Laboratory for experimental purposes, and then if you choose to have them repacked and sent to Mexico that will be your affair entirely. S. INSULL."

Reply.
"Machines were not taken from Phonograph Works. They are experimental machines which have been here several months. MacGruthar made a bull of asking them in New York. Edison."

Yours truly,

Thos. A. Edison.

M.

June 20, 1890.

My dear Cummings,-

This is O. K. Send in your stock. I quit drinking beer---only take whiskey now.

Yours very truly,

Thomas A. Edison

Hon. Amos J. Cummings, M. C.

Washington, D. C.

June 20, 1890.

F. B. Arendell, Esq.,

Salisbury, N. C.

My dear Sir:-

Your letter of 17th instant has been duly received.

The reason that I returned the options is, because I did not want to hold people's property tied up so they could not trade in it. Secondly, I had assays made by several different assayers in New York and Philadelphia, and with the exception of the Frontman property, they showed practically nothing. $1.75 to $2.50 per ton was the highest reached. This in connection with the assays from over seventy other mines proved so disappointing, that I concluded not to operate in the South. I intended to start operations at the Chapman mines, Chapman having secured several options, but after he had got them he tried a mean trick, and I dropped it.

I do not see how I am to blame in respect to yourself. Had the assays showed anything of value, I would have closed the options and paid you a commission. I did not understand that I was to pay for the mere obtaining of the options, but only in the event of my exercising the option and taking the property was I to

F. B. Arendell, Esq. -2- June 20, 1890.

pay a commission. However, I enclose herewith check to your order for Two Hundred and Fifty dollars ($250) to reimburse you for expenses.

Yours very truly,

Thomas A. Edison

June 20, 1890

Mr. C. Gustavus Memminger, M. E.,

Horse Cove, Macon Co.,

N. C.

Dear Sir:-

Mr. Edison is much obliged for your letter of 14th instant, in regard to the use of corundum in connection with the phonograph. Mr. Edison says that it is necessary the corundum should be free from flaws; it is hard enough, but the flaws make it worthless. He would like you to send a few samples by mail.

Yours truly,

Private Secretary.

June 20, 1890

Prof. F. L. Mason,

Geological Survey,

New Brunswick, N. J.

Dear Sir:-

I beg to confirm the following telegram sent you by Mr. Edison this morning:

"Will meet you to-morrow morning at Jersey City for Susquehanna train. Edison."

Yours truly,

Private Secretary

Letterbook, LB-042

This letterbook covers the period June-July 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are letters about the water-motor phonograph, the promotion of the phonograph in Europe, China, Japan, and Mexico, and the exhibition of the talking doll at the Minneapolis Industrial Exposition. Other letters pertain to electric lighting, mining and ore milling, and electric traction systems. The book contains 500 numbered pages and an index. Approximately 30 percent of the book has been filmed.

June 23, 1890

Mr. W. S. Mallory,

#7 West Randolph Street,

C h i c a g o , Ills.

Dear Sir:-

Mr. Edison has read your letter of 21st instant, and says in reply that he will go West some time in July. He would like you to inform him how the mill is getting on; you have given him no information on that subject.

Yours truly,

Private Secretary.

June 23, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Your letter of 21st instant to Mr. Edison, enclosing circular with relation to Aluminium and also a piece of the metal, has been received. In reply, Mr. Edison says that he has been buying Aluminium at the rate of two dollars a pound, and that the prices quoted by the Alliance Aluminium Co. for their product seem to be twice as high.

Yours very truly,

Private Secretary.

June 24, 1890.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

In accordance with the suggestion contained in your letter of 21st instant, re Feeder Suit, Mr. Edison to-day cabled the Edison & Swan Co., as follows:-

"Copies proposed disclaimer received. Will you delay filing until we can communicate further? Very important. Edison."

Yours truly,

Private Secretary.

Mr. Walton Harrison,
No. 2 "I" Street N. E.,
Washington, D. C.

June 25, 1890

Dear Sir:-

Replying to your letter of 23rd instant, I beg to inform you that Mr. Edison's time is entirely taken up with his own inventions, and it is impracticable for him to give attention to matters that are not immediately connected with his own business.

Yours truly,

Private Secretary.

June 24, 1890

Samuel Insull, Esq.,
#44 Wall St., New York.

Dear Sir:-

I enclose herewith copy of a letter under date 23rd instant, received by Mr. Edison from the International Graphophone Co.

Yours truly,

Private Secretary.

C O P Y.

New York, June 23, 1890.

Thomas A. Edison, Esq.,

O r a n g e , N. J.

Dear Sir:-

We respectfully submit to you the names of Messrs. W. Morton Grinnell and Arthur Butler Twombly, who have been selected by the International Graphophone Co., to serve as members of the Board of Directors of the Edison Phonograph Works in accordance with Article First in Agreement entered into between Thomas Alva Edison and the International Graphophone Co., and we have this day submitted the names of Messrs. Grinnell and Twombly above, to the Edison Phonograph Works as candidates for election as per above agreement dated March 11th, 1890.

Will you kindly take such action in the matter as will insure the fulfilment of said agreement.

Yours respectfully,

G. N. M o r i s o n,

Secretary.

June 25, 1890

George P. Kingsley, Esq.,

O r a n g e , N. J.

Dear Sir:-

Upon my return to the Laboratory after an absence of several days, I find your letter of 16th instant, enclosing Bond of Mrs. Chandler for $1,000. I note that you have put the mortgage on record and will return the same to us when done.

Mr. Murray pays all expenses.

Yours very truly,

Private Sec'y.

Aug 25, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Will you please have prepared at once, one of the latest type of Water-Motor Phonographs, for presentation to Sr. Don Manuel Romero Rubio. Have a plate engraved and placed on the instrument with the following inscription:

"This Phonograph is presented to Senor Don Manuel Romero Rubio by its Inventor E D I S O N."

When the above is ready for shipment, please notify me and I will send you shipping instructions.

Yours truly,

Thos A Edison

June 25, 1890

Edgar S. Allion, Esq., Gen'l. Manager,

Edison Phonograph Toy Manufacturing Co.,

#138 Fifth Ave., New York.

Dear Sir:-

As you are doubtless aware, the Edison exhibit recently on view at the Lenox Lyceum in New York is being removed to Minneapolis, where the State Exposition opens on or about the first of August. I think it would be very advantageous to your Company if you would arrange to make an exhibit of the dolls. Those constructed on the new model will be ready about that time, and a very creditable showing could be made. The people of the West have never had a chance to see the dolls, and it would stimulate business in that direction to a very large extent. Will you kindly let me know the views of your Company on this subject.

Yours very truly,

Private Secretary.

June 25, 1890

My dear Mr. Villard,-

I have your letter of 17th instant, informing me that you have named one of the Stations on the Northern Pacific Railroad after me.

I appreciate very highly the honor you have thus conferred upon me.

Yours very truly,

Thos A Edison

Henry Villard, Esq.,
Mills Bdg., New-York.

June 25, 1890

Mr. G. H. Justinson,

Upper Alton, Madison Co., Ills.

Dear Sir:-

Replying to your letter of 12th instant addressed to Mr. Edison, would say that we have no difficulty whatever in reproducing the writing of Morse instruments on the phonograph. We put a funnel on the machine, near the sounder, and the record obtained is perfect. The reproduction of the sounds recorded is very good and can be heard distinctly throughout a large room.

Yours truly,

Private Secretary.

June 25, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Replying to your letter of 17th instant, I beg to say that I have taken up the matter of speaking dolls for the Minneapolis Exposition, and will communicate with you as soon as I have anything definite to report.

Yours truly,

Private Secretary.

June 26, 1890.

My dear Mr. Thurston,-

I regret exceedingly that Mrs. Edison and myself are unable to accept your very kind invitation contained in your letter under date 20th instant. I am so loaded down with work it is impossible for me to leave the Laboratory for a day, or even an hour. Sometimes I am here for a week at a stretch without ever running up to my house.

In regard to the engine matter, I am sorry that you did not take this up a long time ago when we first discussed it. When I was abroad I purchased the models of an engine which we are going to build for use in the Edison business. It is a triple-expansion and is very perfect.

Again thanking you for your kind letter

I am, yours very truly,

R. H. Thurston, Esq., Director,
Sibley College, Cornell University,
Ithaca, N. Y.

June 26, 1890.

Major S. B. Eaton,

1120 Broadway, New York.

Dear Sir:-

I enclose herewith a letter from the Secretary of the Edison Phono. Toy Mfg. Co., Boston, under date June 23rd, in regard to the two waivers of royalties sent them by your Firm on 14th instant. It appears that their Counsel, Mr. Hutchinson, objects to the form in which these waivers are drawn, and submits two others which he asks to have executed. Kindly advise me what should be done.

Yours very truly,

Private Secretary.

June 26, 1890.

Geo. P. Kingsley, Esq.,

O r a n g e , N. J.

Dear Sir:-

I beg to acknowledge receipt of your letter of 14th instant, in regard to the Wiley matter. Should Wiley be prosecuted by Mr. Edison or be Degraw?

Yours very truly,

Private Secretary.

June 26, 90.

My dear Young,-

I have your letter 12th instant. I do not know of anything at present that could be thrown in your way, but should I at any time see an opportunity of serving you, I will be very glad indeed to do so. I am sorry that matters have not gone along more to your satisfaction. I was not aware that Hamilton had severed his connection with "Edison House." I had a letter from him some time ago, asking advice as to what he should do, but did not know that he had decided to leave. Is he coming over to America? I hope you will have lots of success with the Mimeograph. I am afraid I will not be able to get over to London this year, much as I would like to. With kindest regards,

I am yours very truly,

Private Secretary.

J. Lewis Young, Esq.,
60 Ladgate Hill, London, E. C.,
England.

June 26, 90

My dear Burnham,-

I have received your letter of 10th instant, together with folders, relative to the town of Peterborough. I think the Canadian Edison Manufacturing Co. is looking for a site for their Works. What inducements do you offer to manufacturers?

Yours very truly,

Private S[illegible]tary.

J. Hampden Burnham, Esq.,
B a r r i s t e r &c.,
Peterborough, Ont.

June 26, 1890.

Howard Russell Butler, Esq., President,

American Fine Arts Society, #47 W. 42nd St.,

New York City.

My dear Sir:-

I beg to acknowledge receipt of your letter of 11th instant, and to express my appreciation of the honor which you desire to confer upon me, by naming me as a Founder or Patron of the American Fine Arts Society. I should be proud to accept one of these titles if I felt that in justice I could do so, but my knowledge of art is so limited that my name would be entirely out of place where you suggest putting it.

Yours very truly,

June 26, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Co.,

#95 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of your letter of 23rd instant, quoting certain cablegrams exchanged on that day between yourself and Yeomans. Mr. Lewis, of Messrs. Eaton & Lewis, is going to Boston to-night, and will doubtless call upon you some time during Friday. Neither Mr. Edison nor myself understand your statement that you are awaiting Mr. Edison's action about selling European patents free of his royalties and manufacturer's rights.

Yours very truly,

Private Secretary.

June 26, 1900:

G. H. Morison, Esq., Secretary,

International Graphophone Company,

Hills Building, New York City.

Dear Sir:-

Mr. Edison desires me to acknowledge the receipt of your letter of 23rd instant, submitting certain names for the Directorate of the Edison Phonograph Works, and wishes me to advise you further that this matter has been referred to Mr. Insull for his attention.

Yours very truly,

Private Secretary.

June 26, 1890

Mr. Samuel Insull,

#44 Wall Street,

New York City.

Dear Sir:-

Referring to the copy of letter under date 23rd inst. received by Mr. Edison from G. N. Morison, Sec'y. of the International Graphophone Co., which was sent to you yesterday, I have notified Mr. Morison that his communication has been referred to yourself for action.

The Directorate of the Edison Phonograph Works is as follows:

Thomas A. Edison.
Chas. Batchelor.
Samuel Insull.
A. O. Tate.
R. L. Cutting.

Yours truly,

Private Secretary.

June 26, 90.

My dear Mr. Taltavall,-

I have your letter of 23rd instant.

The most interesting thing that we have to show in the Laboratory is the Phonograph, and our method of recording music. At present our Music Room is closed, but I expect that in the course of a couple of weeks it will be opened again. I would suggest that your friend postpone his visit, and that of his pupils, until some time a little later on. I reached home the night before last, and feel much benefited by my little trip to Canada and the Falls.

Yours very truly,

Private Secretary.

Thos. R. Taltavall, Esq., Editor,

The Electric Age,

New York City.

June 26, 1890

Samuel Insull, Esq.,
#44 Wall St., New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from the Laboratory this morning, and your reply to same:

"Frazar is pressing about shipment of his orders.
Don't you think we should advise him that we can make no more shipments until matters are adjusted with the United Phonograph Company? A. O. Tate."

Mr. Insull's reply.

" Yes. "

Yours truly,

Private Secretary.

June 26/90

Saml Insull Esq
44 Wall St
New York

Dear Sir: Mr Edison is very much annoyed because the Entries on our books pertaining to Edison Gen Co Stock are not complete. Cant you have a full statement made out and sent over here so that we can get it straightened out at once

Yours truly

June 27, 1890.

My dear Insull,-

I have your letter of 24th instant, enclosing copy of a letter which Verity would like me to sign. I think it would be very undesirable for me to sign anything of the kind. Put him off with one of your diplomatic excuses.

In regard to Ore Milling, I think it would be better not to tell him what we are doing over here. We can't do any business in England at present, and what information you could give would only tend to excite people over there, and that is something that we ought to avoid.

Yours very truly,

Thomas A. Edison

Samuel Insull, Esq.,

#44 Wall St., New York City.

June 27, 1890.

Chas. L. Garland, Esq.,

Parliament House, Sydney,

N. S. W.

My dear Sir:-

Referring to your letter under date 4th of April last to Mr. Edison, I do not know what understanding you may have had with Col. Gouraud and Mr. Moriarty, but I am sure that you are quite mistaken so far as Mr. Edison is concerned. The commercial part of the phonograph business has been in Col. Gouraud's hands, and Mr. Edison at no time has interfered with it. Col. Gouraud is at present in London, and I would suggest your communicating with him there. I hope the result will be entirely satisfactory to yourself.

With kindest regards

I am, yours very truly,

Private Secretary.

June 27, 1890.

Samuel Insull, Esq., Gen'l. Manager,

The Edison Machine Works, #44 Wall Street,

New York City.

Dear Sir:-

Referring to a conversation which I had with you, in regard to the trouble which we have had with the mains laid by the Machine Works from the Junction Box in the Park to my house, and from the same point to Mr. Burke's house, repairs upon which have been costing me some six or seven hundred dollars a year ever since the tubes were laid, and with reference to your statement to the effect that the Edison Machine Works would make this work good, I beg to say that the only way that this can be remedied, is by laying new tubes. The distance from the Feeder Junction Box to my house, is 882 feet, requiring 42 tubes, No. 250. I will also require three tubes, No. 150, and 14 tubes, No. 80. The distance from the Feeder Junction Box to Mr. Burke's house is 1401 feet, requiring 71 tubes, No. 250. In forwarding these, please send a few extra tubes No. 250. We will also require one Catch Box, with six stubs.

Yours very truly, Geo. W. Edison

June 27, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Manufacturing Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 24th instant, asking me if I will authorize you to send a cablegram to Mr. Yeomans, in regard to my conditions relative to the proposed sale of the European business. In reply I beg to say that Mr. Yeomans has been advised so frequently as to my position, that I think this cablegram is merely a repetition, and, therefore, unnecessary.

Yours very truly,

Thomas A. Edison

June 27, 1890

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Company,

No. 96 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of your letter of 23rd instant, in regard to a visit which has been paid you by Mr. Chas. J. Bell (Washington, D. C.), of the American Graphophone Company, who read you a letter from his Patent Lawyer, stating that we are infringing on their patents by selling the new doll now on the market. I saw Mr. Mackintosh yesterday and had a conversation with him in regard to this matter, and told him to refer Mr. Bell to me, should he call upon you again.

Yours very truly,

Thomas A. Edison

June 27, 1890.

Everett Frazar, Esq.,

#124 Water Street,

New York City.

My dear Sir:-

I beg to advise you that pending an adjustment with the Edison United Phonograph Company, we shall have to cease making shipments on your account of phonographs and phonographic supplies for use and consumption in China and Japan.

This matter is receiving attention, and I will communicate with you again in due course.

Yours very truly,

Thomas A. Edison

June 28, 1890

Samuel Insull, Esq.,
#44 Wall St., New York City.

Dear Sir:-

I have your letter of 25th instant, acknowledging receipt from me of the following Share Certificates of the Edison General Electric Company, which you are to hold for my account, and subject to my order, viz.,-

Unsigned Nos.	858/65	(Deferred),	8 of 100 each----	800
Signed "	854/7	"	4 of 100 each----	400
" "	866	"	12----------	12
" "	371	"	103----------	103
" "	116	"	5----------	5
		T o t a l		1,320 Shares

You hold also for my account Fifteen Certificates, of 100 shares each of Preferred Stock of the same Company.

Yours very truly,

Thomas A. Edison
Jb

June 28, 1890

Edgar S. Allien, Esq., Gen'l. Manager,
Edison Phonograph Toy Mfg. Co.,
#138 Fifth Ave., New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 26th instant, informing me that Mr. Lowenthal, with whom you are in treaty for certain Western territory, intends making an exhibit of the speaking dolls at the Minneapolis Exposition.

Yours truly,

Private Secretary.

June 30, 1890

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Referring to the attached letter from Messrs. Eaton and Lovie, I understand that the Electric Railway patents in question, - that is those for Norway and Sweden, were taken out by your firm. Will you kindly look up your records and let me know if Drexel, Morgan & Co. paid for these Norwegian and Swedish patents. The question of Major Eaton which I desire to answer is in Section 5, sub-division a, on the second sheet of the attached communication, which latter please return to me after you have through with it.

Yours truly,

Private Secretary.

June 30, 1890.

L. F. Mott, Esq., President,

A Z I O L A C L U B, Galveston,

Texas.

Dear Sir:-

Mr. Edison has asked me to acknowledge, with thanks, the receipt of your esteemed favor under date 30th ultimo, which came to hand to-day, informing him that the Directors of your Club elected him an Honorary Member. Mr. Edison appreciates very highly the honor thus conferred upon him by your Directors, and is very pleased to be included in the Roll of Honorary Membership of the Aziola Club.

Yours very truly,

Private Secretary.

June 30, 1890

Dr. Reginald Poulter,

#202 Bishopsgate St. Without,

London, England.

Dear Sir:-

Replying to your letter without date addressed to Mr. Edison, I beg to inform you that there already have been a great many successful experiments conducted with the phonograph on this side of the Atlantic in the direction which you indicate, the instrument having excited a great deal of interest amongst the medical profession generally. It bids fair to become a valuable auxiliary to physicians, who will no doubt appreciate its merits when the instrument becomes more generally known.

The phonograph in England is controlled by the Edison United Phonograph Co., Northumberland Ave., London, W. C., to which Company I beg to refer you for further information.

Yours very truly,

Private Secretary.

Private Secretary.

June 30, 1890.

Colt Geo. E. Gourraud,

Little Menlo, Upper Norwood,

Surrey, England.

Dear Sir:-

I beg to confirm the following cablegrams received from you 27th instant:-

"Hughes Preece Stroh."

"Hames cabled claim perfected farsighted wire system; arranging bring out first prox with boom. Cable quick what can say about yours."

Yours truly,

June 30, 90

Samuel Insull, Esq.,

44 Wall St., New York.

Dear Sir:-

Attached hereto is copy of a communication under date 26th instant, received by Mr. Edison from Mr. Villard.

Yours truly,

Private Sec'y.

E.O.F.M.

New York, June 23, 1890.

To Thomas A. Edison, Esq.,

as a member of the Syndicate for the purchase of

Edison General Electric Company's Stock:

Referring to the two circulars heretofore received by you in relation to your participation in the purchase of stock of the Edison General Electric Company, you are hereby advised that the time during which all the stock is to be held subject to the control of the Syndicate, has been extended until September 1, 1890.

Yours truly,

(Printed) HENRY VILLARD,

By (Signed) C. A. Spofford.

June 20, 1890.

My dear Nenberg,-

I have your letter of 16th instant, and will be very glad to send you a box of musical phonograms. Our Music Room has been closed for the last couple of months, and the selections will not be as good as I could wish them, but I will send you a part of the stock which we have in the Laboratory.

I understand that Dyer is coming over very shortly. He will be able to take back a supply of good cylinders with him. Meanwhile I will have a box prepared for you and send it to the Lamp Company to be forwarded with their first shipment as you suggest.

With kindest regards to yourself and

I am, yours very sincerely,

Thomas A. Edison

Private Secretary.

Dr Nenberg, Brussels, Belg.
Care E. Dyer, Edison Laboratory, Belgium.

June 30, 1896.

Mr. Joseph Williams, Ass't. Secretary,

The Edison Electric Illuminating Co. of N. Y.,

#10 & 12 Broad St., New York.

Dear Sir:-

I beg to acknowledge receipt of your letter of 27th instant, enclosing 32 shares of stock of the Edison Elec. Ill. Co. of New York, in exchange for $4,200 worth of Convertible Scrip, handed you by Messrs. Spencer Trask & Co. I return herewith my receipt for the former.

Yours very truly,

July 1, 1890.

Everett Frazar, Esq.,

#12, Wall Street,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 28th ultimo, enclosing clipping from the "New York Sun" in regard to the Phonograph presented to the Mikado of Japan.

Your matters are having my attention, and I trust that an adjustment will be made within a very few days.

Yours very truly,

July 1, 1890.

My dear Hix,-

Mr. Edison has received your letter of 29th ultimo. He went away last night, but will be back again on Friday. I think he will be at the Laboratory on Saturday, but he is not sure of it. On Monday he goes West for a couple of weeks.

Yours very truly,

Private Secretary.

W. Preston Hix, Esq.,
United Edison Manufacturing Co.,
#44 Wall St., New York.

July 1, 1890.

George P. Kingsley, Esq.,

O r a n g e , N. J.

Dear Sir:-

I am very much obliged for the note which you made upon my letter of 26th ultimo regarding the Wiley matter. I wish you would kindly address a letter to Mr. Wiley, stating that you have been instructed by Mr. Edison to commence suit against him for embezzlement, unless he returns to us immediately the money which was advanced to him to pay the Degraw bill.

Yours very truly,

Private Secretary.

July 1, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith copy of a letter which we have just received from Col. Gourand, in regard to a certain cablegram sent him some little time ago relative to the value of a portion of the phonograph business.

Yours very truly,

Private Secretary.

Copy.

Little Menlo, Beulah Hill,
Upper Norwood.

Dear Edison,-

If you would but let me know what it is you want the United Phono. Co.[1] to accept, and what it is "they want" that you think is "absurd," I could better form some idea of the but I am entirely ignorant as to everything that has happened since I left New York, having not had a single line from anybody about my affairs whatever.

It would better facilitate our mutual purpose if when you notifies important cables you added sufficient explanation as to the subject matter to enable me to act intelligently.

I am anxiously awaiting the new machine so as to proceed with business--having received a cablegram to "do nothing till new machine arrives; machine entirely changed since you left."

Pray hurry it up--or the Graphophone will be out ahead of us.

Sincerely yours,

(Signed) GOURAUD.

1 There is evidently a word omitted here from the original.

July 1, 1890.

Edison Phonograph Wor[illegible]

[illegible], N. J.

D[illegible]

[illegible] not yet received from you an accounting for the material returned from the Paris Exposition. Can you not send this up to us immediately, so [illegible] can g[illegible] matter closed in our books? A great deal of material which was sent to Paris was charged to Mr. Edison by yourselves. We ought to [illegible] for all that has come back, and I want to get the matter settled in our June account.

Yours very truly,

Private Secretary.

July 1, 1890.

My dear Dyer, -

Replying to your letter of 27th ultimo, addressed to Mr. Edison, in regard to work on the motor motor, I find upon investigation that this is now progressing rapidly and will be completed within a short time. We will let you know when it is finished.

Yours very truly,

Private Sec'y.

Richard N. Dyer, Esq.,
36 Wall St., New York.

July 1 - 1890

Thos. Butler Esq.
44 Wall Street
New York.

Dear Sir:-

I beg to advise you that we received a check from Mr A. L. Cutting in March for $ 84430. 74/100 which was deposited in the German National Bank of Newark. Mr Edison told me a few days ago that this was for stock sold by Mr Perry. I have never received a statement of this transaction and I would like to get a statement of same and get it on my books in the course of a few days before Mr Edison's return. Anything you can do for me in regard to same will be greatly appreciated.

Yours truly, C. Randolph

July 1st 1890

German National Bank
Newark N. J.

Dear Sirs:-

I beg to enclose you herewith the following checks:-

From	The American Bell Telephone Co.	$ 500.00
"	Western Union Teleg Co.	500.00
"	Nahm Bros.	583.33
		38.28
	Total	$ 1621.61

Please place same to my credit and oblige

Yours truly
Thos. A. Edison
R.

July 1, 1890.

Mr. J. F. Howell, Editor,

The Message,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 30th ultimo. We are considering the matter of extending our advertising facilities, and your proposition will have my early attention.

Yours very truly,

Private Sec'y.

July 1, 1890

Samuel Insull, Esq.,

#44 Wall Street, New York City,

Dear Sir:-

Replying to your letter of 30th ultimo, in regard to bills against the General Company for experiments, I beg to say that the account rendered covered Mr. Edison's experiments up to the 1st of January, 1890. Since that period further experimental work has been conducted on account of the General Company, and the bills for the same are well under way. I will have them out in a few days and will send them in to you immediately.

Yours truly,

Private Secretary.

July 1, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison General Electric Company,

#44 Wall St., New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 30th ultimo, in regard to exhibiting dolls at the Minneapolis Exposition. I have to-day written the Company at Boston, asking them to arrange to have the dolls exhibited as a part of Mr. Edison's exhibit. I have no doubt whatever that they will do it.

Yours truly,

Private Secretary.

July 1, 1890

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Company,

#95 Milk St., Boston, Mass.

Dear Sir:-

I enclose herewith copy of a letter addressed by myself to your Manager, Mr. Edgar S. Allison, together with copy of Mr. Allison's reply, in regard to a proposed exhibition of the dolls at the Minneapolis Exposition. I think it would be a great pity to have the dolls exhibited in any other way excepting as a part of Mr. Edison's exhibit. Could you not arrange to have the exhibit made after the manner of the Lenox Lyceum exhibit.

Yours very truly,

Private Secretary.

Copy.

Orange, N. J. June 25, 1890.

Edgar S. Allison, Esq., Gen'l. Manager,

Edison Phonograph Toy Mfg. Co.,

#138 Fifth Ave., New York.

Dear Sir:-

As you are doubtless aware, the Edison Exhibit recently on view at the Lenox Lyceum in New York is being removed to Minneapolis, where the State Exposition opens on or about the 1st of August. I think it would be very advantageous to your Company if you would arrange to make an exhibit of the dolls. Those constructed on the new model will be ready about that time, and a very creditable showing could be made. The people of the West have never had a chance to see the dolls, and it would stimulate business in that direction to a very large extent. Will you kindly let me know the views of your Company on this subject.

Yours very truly,

(Signed) A. O. Tate,

Private Sec'y.

C o p y.

New York, June 26, 1890.

A. O. Tate, Esq.,

O r a n g e , N. J.

My dear Sir:-

I am in receipt of your favor of 25th instant in reference to exhibiting our dolls at the Minneapolis Exposition.

Mr. Lowenthal of Chicago who is in treaty with us for that territory, intends to make an exhibit at both the St. Louis and Minneapolis Expositions.

Yours very truly,

(Signed) Edgar S. Allen,

Gen'l. Manager.

July 2, 1890.

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this morning:-

"We require fifteen hundred dollars to-morrow for pay roll. A. O. Tate."

Yours truly,

July 2, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith copy of a letter under date 19th June, 1890, addressed by Col. Gouraud to Thomas B. Connery, Esq.

Yours truly,

Private Secretary.

C O P Y.

Edison House, Northumberland Ave.,
London, S. W.
29th June, 1890.

Thomas B. Connery, Esq.,
Llewellyn Park, West Orange, N. J.

Dear Sir:-

By the last mail I wrote you a line acknowledging the late receipt of your letter of May 15th for the reasons explained therein. I postponed my fuller reply until this mail.

I regret to observe by the tone of your letter that you feel aggrieved towards me, and particularly so since you appear to think that I have not kept faith with you. I therefore begin my letter by assuring you in the strongest possible terms that you are mistaken on this point.

The only thing that I have not done which I said I would do was to myself accompany you on the occasion of your first meeting the Board of the United Company. This promise was broken owing chiefly to the fact that it was impossible for me to arrange a meeting at the joint convenience of the parties concerned. Although I failed in that, I beg to assure you that the fact of my being present when you met the Board or a Committee of the Board, or my not being present, has not made the slightest difference in the result of your meeting. All the facts as regards your original contract, and what I felt and still feel to be the moral obligations of the Board towards you and your associates were fully and repeatedly and sufficiently made clear by me to all of my colleagues. All I said to you with reference to future terms was, that so far as I could control the same, and I do still believe so, that you should have the first option of the business on the terms which should be determined upon by the Board of the United Company. I had assurance from my colleagues that this understanding would be carried out.

I think I may assume that this statement and explanation must be sufficient to satisfy you and remove the disagreeable impression which you appear to have formed as expressed or conveyed in your letter under reply.

I may now proceed to deal with what appears to be the present business position. So far as I can make it out, there seems to have been no disposition on the part of my colleagues to "freeze you out" as you express it, but on the contrary, it appears that they have endeavored to carry out the understanding arrived at with me as regards yourself- viz:- That "the business should first

T. B. C. -2-

be offered to you."

This they appear to have done but the terms which they have named do not appear to have been satisfactory to you. That is the position in a nut-shell. For the difference of views upon the value of the business as estimated by my colleagues and as estimated by yourself, surely I am not responsible, nor do I feel called upon to make any expression of opinion upon that difference.

I always made it clear to you that the business when presented in the form of a "monopoly," through a consolidation of hitherto conflicting interests, would have greater value than before, a conclusion in which you entirely agreed with me. I regret I cannot interfere in the matter as it stands at present. Mexico being so near to the home office, it is natural that the business of that country should be conducted by the Board in America. I should consider myself as unwarranted in interfering with them in respect of such negotiation as I should consider them unwarranted in interfering with me in a negotiation which I might be conducting in this country, or for another near it. My difficulty in assisting you as you desire me to, is increased by the fact of the wide difference which appears to exist between your views and the views of my colleagues (excepting of course Mr. Edison), who appears to be of an opinion differing from that of my other colleagues. Notwithstanding Mr. Edison's opinion to the contrary, and I say this with some hesitation having regard to my respect for his opinion upon all matters, I have no hesitation in saying that I consider the views of the Board stated by you, are more reasonable than the basis proposed by yourself. I think you have failed to appreciate the value and importance of this business, especially in its present form, having regard to the amalgamation of interests and the extraordinary and unforseen simplification and improvement in the Machine, especially as regards the mailing Phonograph. It does not appear to me to be useful at this time to go back and make any comments upon your original agreement which if you remember will remember you did not know the character of yourself when we first met. The fact that your agent did not carry out your instructions, or made a contract which you did not approve of, of course did not alter the fact of the contract as it was, and the fundamental condition of that contract was, that you should get an exclusive concession. As I pointed out to you and I understood satisfied you at the time of no doing, the concession as obtained by you was really not worth the paper it was written upon, and I venture to say that no business man would embark his capital under such terms which gave no security whatever. I made this observation to you at the time and repeat it now based solely upon the translation which was forwarded to me by Mr. Ceballos. Not knowing the Spanish language I can only judge of the concession by the translation which was reported to be an accurate one. I feel bound in self justification to repeat these observations in view of your reference to the subject matter of

them at this late day. In conclusion, I sincerely trust that you will still see your way to meet the views of my colleagues, or that they will be able to make such concessions as the circumstances justify you and Mr. Ceballos and your friends, whom I recognize have done good service and are entitled to every possible consideration, to go on with the business, upon a basis which will return them an adequate, and more than adequate compensation for their trouble.

I am sending a copy of this letter to my colleagues and I shall repeat again in the strongest terms my hopes that they will do their utmost to reconcile their views with yours, or yours with theirs, before they proceed with negotiations in other quarters.

With kind regards,
Believe me
Very sincerely yours,

C. E. Gourand.

The difference of views as to value between those of Mr. Edison and his colleagues may be readily accounted for on the ground of his extreme modesty as to the value of his own work, and it sometimes happens fortunately for him, that those associated with him are not thus embarrassed.

July 2, 1890.

Thomas E. Connery, Esq.,

Llewellyn Park, Orange, N. J.

My dear Mr. Connery,-

Under date June 30th the following cablegram from Romero Rubio, was received in New York addressed to Mr. Edison:

"Se concedera prorroga."

Yours very truly,

Private Secretary.

July 2, 1890

Messrs. Dyer & Seely,

#33 Wall Street,

New York City.

Dear Sirs:-

Referring to the attached from Mr. A. B. Dick, President of the A. B. Dick Company, this Company in the United States is licensed under Mr. Edison's Mimeograph Patents. If a patent is to be taken in Switzerland, should it not be taken in Mr. Edison's name and a license given the A. B. Dick Company? The grant which the A. B. Dick people propose obtaining in Switzerland is called a "Manufacturers Patent." I don't know what this is. You doubtless are familiar with it, and I shall be glad to have your advice.

Yours very truly,

Private Secretary.

July 3rd 1890

Thos. Butler Esq
401 Wall Street
New York

Dear Sir:

In regard to the statement of stock which you told me was the telephone Mr Perry handed to Mr Edison amounting to $ 84430. 111/100 I beg to state that I have looked all over our office and can find no account of it and think Mr Edison did not send it to any of us to be filed.

Could you please obtain from Mr Perry a copy of same also (a statement of the 50 shares sold by him May 31.) as per your letter of May 22. 1890 - which Mr Sewell gave me a check for $4300 in payment of same.

I am very sorry to give you this trouble but I know of no other way to obtain it.

Yours truly
John B. Randolph

July 3, 1890

G. N. Morison, Esq., Sec'y.,

Edison United Phonograph Company,

Mills Building, New York.

Dear Sir:-

I beg to acknowledge receipt of your letter of 30th ult. to Mr. Edison, requesting a list of all the people to whom phonographs have been given. This list is being prepared for you now and will be forwarded in the course of a day or two.

Yours very truly,

Private Secretary.

July 3, 90

My dear Mr. Skehan,-

I have your letter of 2nd instant. I will ask Mr. Edison for the bill which you gave him. He has, as you surmised, pocketed it and forgotten to turn it over to us. I will send you a check as soon as I get it.

Yours very truly,

Private Secretary.

J. B. Skehan, Esq.

July 3, 1890

My dear Mr. Price,-

I have your letter of 1st instant, enclosing bill against the Edison Manufacturing Co. for advertising. Mr. Edison is away from home at present. I expect him back to-night. If I can get at him I will send you a check this week without fail. If not, you will receive it early next week.

In regard to full page advertisement, I have given instructions to have a page taken in your journal. It was our intention to do this, but we hadn't quite got around to it.

Yours very truly,

Private Secretary.

Chas. W. Price, Esq.,
Electrical Review,
New York.

July 3, 1890.

Samuel Insull, Esq., General Manager,

The Edison Machine Works,

Schenectady, N. Y.

Dear Sir:-

I enclose herewith a report which Mr. Kennelly has made at my request of the repairs effected in the underground system in Llewellyn Park, which shows that on the lines running from the junction box to my house and to Mr. Burke's house, I have expended $773.80, owing to defects developed in the tubing furnished by the Edison Machine Works, and that the feeder from the Laboratory to the catch box has cost me $344.20 since it was laid, a portion of which is chargeable directly to defective tubing. The total cost shown in Mr. Kennelly's estimate is, $1,118. This represents the bare wages paid by me to the men engaged upon these repairs, and is not by any means a sum which would compensate for the loss of their services during the time they have been engaged upon this extraordinary work. It has required a great deal of Mr. Kennelly's personal attention, which I can ill afford to spare, and I consider that the very least that you can do now is, to reimburse me to the full extent of this estimate, without any deductions

whatever.

I should be glad to know what action you propose to take with regard to the future. I cannot any longer permit my staff to spend time in making repairs, the responsibility for which rests directly with the Edison Machine Works.

The tubes from the junction box to my house, and from the same point to Mr. Burke's stable, should properly be removed and Mr. Connelly has made measurements, which I submit herewith, for the purpose of completing all the data on the subject, so that you may consider the matter intelligently, and advise me at your earliest convenience what you propose to do about it.

Yours very truly,

(Signed) Thomas A. Edison

T.

(See Battery Bk. "B" page 235).

Yours very truly,

(Mr Edison)

Samuel Insull, Esq. -2- July 3, 1890.

Battery, whereby our advertisement will attempts from week to week in different papers. We have means we will secure the greatest amount of advertising for the smallest amount of money.

July 3, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Company,

#95 Milk St., Boston, Mass.

My dear Sir:-

I beg to acknowledge receipt of your letter of 30th ultimo, in regard to foreign business. I saw Mr. Lewis a day or two ago, and he is to make a full report covering the matters which he investigated when in Boston.

Yours very truly,

Private Secretary.

July 5/90

Alex. Elliott Jr Esq
1st Stall Bank Building
Paterson N.J.

Dear Sir: I enclose herewith Mr Edison's Check for $1500 to be applied by you in connection with the purchase of an option on the Ten Eyck property.

Yours truly

Private Secy

July 7, 1890.

German National Bank,

N e w a r k, N. J.

Dear Sirs:-

I beg to notify you that my Power of Attorney which you have on file, in favor of Mr. Alfred O. Tate, permitting him to sign checks in my behalf, drawn upon yourselves, is in force on and after this date and until further notice.

Yours very truly,

Thos A Edison

July 7/90

— Pittler Esq
Co John Birkinbine Esq
25 N.E. City Hall Square
North Juniper St
Philadelphia Pa

Dear Sir: I enclose herewith copy of a letter just received by me from Mr Birkinbine who writes from Seattle Wash. under date June 26th.

It is impossible for me to accept the terms proposed by the Leading Co. The length of the lease is entirely too short to warrant the building of a Railroad and the erection of a large Mill. Furthermore it would be manifestly unfair to all the people to me on an appraisement after I had

Mr. Tesla

made the same very valuable at my own risk.

If they will not agree to my original proposition, or if they are not satisfied with £150,000 if they will consent to an appraisement now I will go ahead.

When will Mr. Birkinbine return? If soon perhaps we had better let the matter rest until he gets back.

Yours truly

Thos A. Edison

July 7/90

Samuel Insull Esq
44 Wall St
New York

Dear Sir: Replying to your letter of the 1st re presentation of a Dynamo to the Henry Draper Memorial Stake pleasure in expressing my approval of this action.

Yours very truly
Thos A Edison

July 7/90

Saml Insull Esq
44 Wall St
New York

Dear Sir: In response to your letter 1st inst. re electing two representatives of the Graphophone interests on the Board of the Edison Phonograph Works, when the annual meeting of the Works is held the names of Messrs Grinnell and Twombly can be presented in lieu of Messrs Batchelor and Tate who will retire, the names of the other members of the present Board being presented for re-election.

Yours very truly
Thos A Edison

July 7/90

J. O. Mackintosh Esq
87 Hill St
Boston Mass

My dear Sir:

Everything will be in shape for me to be in Boston on Saturday of this week or Monday of next week with models of new doll. I have not notified the Company officially as I want to be sure of the exact date first.

Yours very truly
A. O. Fox

July 7/90

David Weld Esq
Sec Edison Phono Supply Co
95 Milk St Boston Mass

Dear Sir: I am indebted for your letter 2nd inst. re Minneapolis Exposition. What we would like would be to have Mr Lowenthal make his display in connection with and as a part of the regular Edison Exhibit. Of course his section would be entirely under his control. I think he himself would probably prefer such an arrangement to any other. If you have made definite arrangements with him it

#7
D. 10.

would be a good idea for you to suggest to him that he communicate with the Edison General Electric Co 44 Broad St New York in regard to space

Yours very truly

July 7, 1890.

F. B. Skehan, Esq.,

Spencer Trask & Co.,

16 & 18 Broad St., New York.

Dear Sir:-

I enclose herewith Mr. Edison's check for $20.25, to your order, in accordance with your letter of 2nd instant.

Will you please inform me how many shares of stock Mr. Edison holds in the Edison Electric Ill. Co. of New York; and also please give me the details of the last transaction, as I want to have it properly recorded in our books.

Yours truly,

E. Clarke

Private Secretary.

July 7, 1890.

Mr. Thos. Burkhard,
#125 White Street,
New York City.

Dear Sir:-

The copper cylinder sent to us by yourself has been duly received at the Laboratory. It is not made, however, according to agreement, as the outside jacket with asbestos or mineral wool mentioned, is missing. Please explain.

Yours truly,
Edison Laboratory.
A. Tate
G.

July 3, 1890.

Samuel Insull, Esq.,

#44 Wall Street, New York City.

Dear Sir:-

The experiments against the Edison General Electric Company to the 1st of June will amount to about $1,500. I shall have to await Mr. Edison's return before I can name the exact amount, as he assigns the experiments to the various people for whom they are conducted.

In addition to the above we have a bill for Lenox Lyceum which is being made up now and which will be sent you to-morrow, amounting to a little over a thousand dollars.

Yours very truly,

Private Secretary.

July 8, 1884.

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith translation of a letter under date 25th ultimo, received by Mr. Edison from President Diaz, also translation of one received from M. Romero Rubio.

Yours truly,

Private Secretary.

T r a n s l a t i o n

Mexico, June 25, 1890.

Senor Thomas A. Edison,

New York.

My dear Sir,-

In pursuance of the recommendation made to me in your favor of the 14th instant, I have pleasure in informing you that a notice has been given to the branch Secretary authorizing the extension which you have officially sought for through the agency of Messrs. Cormory and Peniche &c., &c.

(Signed) Porfirio Diaz.

Translation.

Mexico, June 27, 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

I confirm to you my cablegram of to-day, in which I say referring to your letter of 14th instant, that the extension asked for will be granted for the establishment of phonograph offices, and that in fact this has already been communicated to your agent in this city, who makes the above mentioned request. As I know very well your reputation, there has not been the least difficulty in granting the said extension, especially since the cause which originates it will be to the advantage of the service which it is proposed to establish. On my side I retain a very agreeable recollection of the interview that we had when in the United States, and which I hope may be repeated, for lately the state of my health has been such as to necessitate my leaving the country for a few months.

(Signed) M. ROMERO RUBIO.

July 9, 1890.

Everett Frazar, Esq.,

No. 124 Water Street,

New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter under date 7th instant and to say in reply that we have not yet been able to arrange matters with the Edison United Phonograph Co., so as to permit us to continue making shipments to China and Japan for your account.

In regard to musical phonograms, we have not made any at the Laboratory for some time, but are commencing again very shortly. We expect to open our music room in the course of two or three days. We do not know Mr. Marshall, to whom you state you understand the trade in musical phonograms has been turned over.

Yours very truly,

Private Secretary.

July 9, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith copy of a communication addressed to me by Messrs. Eaton & Lewis, in regard to Mr. Frazar's China and Japan phonograph business, from which you will see that no liability attaches to Mr. Edison through the stoppage of shipments of phonographs and phonographic supplies to those countries.

Yours very truly,

Private Secretary.

C O P Y.

New York, July 7, 1890.

Alfred O. Tate, Esq.,

c/o T. A. Edison, Esq.,

Edison's Laboratory, Orange, N. J.

Dear Sir:-

We have examined again the correspondence left by you with our Mr. Lewis last week, consisting of a letter addressed by you dated May 13, 1890 to Mr. Insull; the letters addressed by Mr. Edison to Mr. Frazar under date of Jan. 25th and Feb. 7th, 1890 respectively,, and a letter addressed by Mr. Frazar to Mr. Edison dated Jan. 31st, 1890. We have examined these letters in the light of the proposed agreement for Japan drawn by our Mr. Eaton in January of this year, and we are of opinion upon a survey of the whole situation, that Mr. Edison is under no obligations to continue the business relations with Mr. Frazar and his firms, undertaken some months ago and in reference to which the correspondence above recited took place.

In his letter of Jan. 25th, 1890, Mr. Edison distinctly disavows the intention of making an exclusive contract for a term of years with Mr. Frazar's firm, and although Mr. Frazar in his reply dated Jan. 31st makes use of the following language:

"The exclusive agencies for those countries I understand you are willing to place with my firm for the next few years, and for such definite period later as may be mutually agreed upon," yet

it is to be remembered that in his reply dated Feb. 7th Mr. Edison calls attention to his letter of Jan. 25th in which he says, that he specifically states the only terms upon which he would be justified in giving exclusive rights to any one.

We think upon the papers as they stand that Mr. Edison is under no obligation to continue his relations with Mr. Frazar.

Yours truly,

(Signed) EATON & LEWIS.

July 9, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Are we to make any further effort to adjust the relations between Mr. Everett Frazar and his firms and the Edison United Phonograph Co.? Would it not be better to refer Mr. Frazar to the United Company, and suggest that he make his arrangements directly with them?

Yours very truly,

Private Secretary.

Mr. Edison,-

July 9, 1890.

Will the Ten Eycks lease belong to you or the [illegible]ing Works?

July 9, 1890

James Brown, Esq., Sup't.,
Direct Cable Company,
New York City.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"Please express to Sir John Pender the sincere sympathy of Mrs. Edison and myself in the great loss which he has sustained."

Yours very truly,

Thomas A. Edison

A meeting of the Board of Directors of the Edison Lamp Company was held at Orange, N. J., Tuesday, April 15th, 1890, at three o'clock p. m.

Present: Messrs. Insull, Upton, Edison and Ord.

Mr. Insull stated that financial arrangements, by which the business of this Company would be largely increased and benefited, had been made with the Deutsche Bank and others, and that it was for the best interests of this Company that such arrangements should be made. Whereupon, on motion duly seconded, it was unanimously

RESOLVED, That this Company pay to the Deutsche Bank and others as a consideration for carrying out such arrangements the sum of $30,000.

Upon motion duly seconded it was unanimously

RESOLVED, that the officers of this Company be, and they are hereby authorized to execute and deliver a letter in the following form:

"To Deutsche Bank and others.

"Dear Sirs:- In consideration of the general financial arrangements made by you for the promotion of the Edison business, and in view of the benefits coming therefrom, the undersigned have agreed to pay you a cash commission and now hand you same as follows:

Edison Lamp Company----------$30,000

~~Yours very truly~~
EDISON LAMP COMPANY,
by

On motion, duly seconded, the meeting was then adjourned.

July 9, 1890.

Prof. Wm. D. Marks,

Edison Electric Light Company,

Philadelphia, Pa.

Dear Sir:-

I beg to acknowledge receipt of your letter of 2nd instant. I have not failed to ~~interest~~ busy myself in the matter to which you refer, but thus far have not been very successful.

Yours very truly,

July 9, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I called to see you at your office this morning but you were engaged. I left word with Mr. Butler to the effect that the Doll Models would be ready for me to-day or to-morrow, and that I could arrange to go to Boston on Saturday if that would be convenient for yourself, as I understand you desire to be present at the next meeting of the Directors of that Company. If Saturday will not suit you, will you kindly name a day early next week if possible.

Yours very truly,

Private Secretary.

July 10, 1890

Samuel Insull, Esq.,

144 Wall Street,

New York City.

Dear Sir:-

Replying to your letter of 8th instant, I beg to say that I will call a meeting of the stockholders of the Edison Phonograph Works on any day you may name. You will probably recollect that we purposely passed the annual meeting.

Yours very truly,

Secretary.

July, 10, 1890

Samuel Insull, Esq.,

No. 44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you this morning:-

"It is impossible for us to close our books until we get the details of payment of eighty-four thousand dollars which have been promised from your office for several days, but which have not yet arrived."

Yours truly,

Private Secretary.

July 30, 1890

Samuel Insull, Esq.,

#44 Wall Street, New York City.

Dear Sir:-

Referring to the letters of Mr. J. Adriance Bush to Mr. Lippincott, in regard to a report from the Edison Phonograph Works on manufacture, if you will kindly outline the manner in which this report should be made up I will have it prepared immediately. All the entries closing the Phono. Works books to June 1st will be made to-day. I can get a balance sheet the first thing in the morning, and as far as I am aware there is nothing further to delay the report that the North Am. Phono. Co. is pressing for.

Yours very truly,

July 10, 1890

Samuel Insull, Esq.,

#44 Wall St., New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 3rd instant, in regard to sending phonographs into Canada for use in connection with your business there. You cannot send phonographs into Canada without endangering the Canadian patents. My advice would be to ignore the patents and send phonographs that are manufactured in the United States. Our electric light experience has proved this to be the best course to adopt. We ran a Lamp factory there for a number of years at a loss of from ten to twelve thousand dollars a year, and the history of the phonograph business will be the same if we attempt to manufacture in that country.

Yours very truly,

Thos. A. Edison

July 10, 1890.

My dear Hutchinson,-

Will you kindly send me a fan to run in my office. I got so hot the day before yesterday sitting here with 300 incandescent lamps burning outside the door that I had to get out at half-past-three o'clock and go down to Coney Island, and I can't afford to do that every afternoon. Send the fan over to me and let the bill follow.

Yours very truly,

Private Secretary.

Joseph Hutchinson, Esq.,
Messrs. Bergmann & Co.,
#292 Ave. B., New York City.

July 10, 1890.

E. H. Lewis, Esq.,

Messrs. Eaton & Lewis,

#120 Broadway, New York.

Dear Sir:-

I enclose herewith a letter addressed to myself by the Secretary of the Edison Phonograph Toy Mfg. Company under date 7th instant, enclosing copies of Mr. Yeomans' letters to the Company of June 25th and June 10th. The relations between Mr. Yeomans and the Company are becoming more complicated every day, and I think we should lose no time in taking action to force Mr. Yeomans' hand. The proposition outlined in your communication to me under date 3rd instant would I believe give Mr. Yeomans sufficient rope wherewith to hang himself, and I shall therefore be glad if you will proceed at once to prepare the documents necessary to place the interests of the Toy Phono. Co. and my own interests in the hands of a Trustee. I have not yet decided whom we should name as Trusted, but this need not delay the preparation of the documents. I will advise you upon that point later on.

Yours very truly,

July 10, 1890.

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

I enclose herewith bill against the Edison General Electric Company, amounting to $1,223.28, for expenses in connection with the Lenox Lyceum exhibit.

I will not be able to send you the experimental bills against the General Company until Mr. Edison returns to the Laboratory.

Yours very truly,

Private Secretary.

July 10, 1890

Samuel Insull, Esq.,

#10 Wall St., New York City.

Dear Sir:-

I beg to confirm the following message telephoned you to-day in reply to one received from you relative to visit made to the Laboratory by Mr. Lathrop on Monday last:

"Lathrop's proposition had no reference to Mr. Edison's life. He wanted ideas of the possibilities of the future for a story something of the style of Bellamy's "LOOKING BACKWARD."

Yours truly,

Private Secretary.

July 10, 1890

Samuel Insull, Esq.,

#14 Wall St., New York City.

Dear Sir:-

Referring to your telephone message under date July 3rd, advising us that on that day you received from the General Company, for account of Mr. Edison, $1V,Old, and that a letter on the subject was to follow, I beg to advise you that this letter has not up to the present time come to hand. We should be glad to receive it.

Yours very truly,

Private Secretary.

July 10, 1899

Samuel Insull, Esq.,

44 Wall Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you to-day:-

"I hope you will be able to collect all or a portion of the General Company's account this week."

Yours truly,

Private Sec'y.

We have no money and will require about $2000. on Saturday

July 10, 1890

Samuel Insull, Esq.,

44 Wall St., New York,

Dear Sir:-

I beg to confirm the following message telephoned you to-day, in reply to one received from you:

"I will advise the Boston people that we will be prepared to submit new models on Tuesday or Wednesday and that on Monday I will telegraph which day. I think one day's notice will be sufficient, but if not they will have time to object before you leave. I can take the Gouraud letters to New York, but am not sure about Phono. Works Balance Sheet. If they strike a balance at the first trial I can have sheet in time to leave here on the 2 :07 train and meet you at about 3 : 15. Shall I go in anyway with the Gouraud letters?"

Yours very truly,

Private Secretary.

July 10, 90.

J. M. Craig, Jr., Esq.,

"The Constitution,"

Atlanta, Ga.

Dear Sir:-

Your letter under date 4th instant has come to hand during Mr. Edison's absence, and as I do not expect him back for a couple of weeks I will undertake to answer your queries, as I am quite familiar with Mr. Edison's views upon the subject mentioned in your communication under reply. Lightning rods should not be insulated from the structure to which they are attached, and they should be well grounded. If erected in this manner they afford real protection.

Yours very truly,

A. O. Tate

Private Secretary.

July 10, 1890

F. S. Hastings, Esq., Sec'y.,

Edison Electric Light Company,

#44 Wall St., New York City.

Dear Sir:-

In checking up the Light Company account I find that you have not given us credit for an amount of $119.32 which we have charged against you on account of the Standardizing Bureau. You will probably remember that at the time we rendered our account against the Standardizing Bureau we had considerable correspondence in reference to it, and that finally I stated that I would allow all the credits that you claimed in order to close the matter out, as I was tired of the prolonged discussion. I made these allowances on the account and it left due a balance of $119.32, for which I now beg to hand you an invoice with the request that you will place the amount to Mr. Edison's credit upon your books.

Yours very truly,

July 10, 1890.

My dear Shaw,-

Replying to your letter under date 5th instant to Mr. Edison, in regard to triple-expansion engine, I beg to say that Mr. Edison obtained from certain manufacturers in France patterns and models of three triple-expansion engines. He received at the same time permission to build these for electric lighting purposes in the United States. All Mr. Edison's plans for a large engine factory, which he is going to erect near Orange, are in course of preparation, and work will be commenced upon the building within a very few months. Mr. Edison is not privileged to delegate rights to manufacture this engine.

Yours very truly,

P. B. Shaw, Esq.,
Williamsport, Pa.

July 10, 1890

Samuel Insull, Esq.,

#44 Wall Street,

New York City.

Dear Sir:-

Mr. Edison is notified that a meeting of the Board of Directors of the Edison United Phonograph Co. will be held at the Mills Building, on Monday, July 14th, 1890 at two o'clock in the afternoon. Is it your intention to bring the Frazar matter up at that meeting. I would like to say something definite to Mr. Frazar one way or the other. At the present time this office is getting the credit for the delay in giving him a specific answer. On the bottom of the notice referred to above is the following: "No business of importance."

Yours very truly,

Private Secretary.

July 10, 90

Edison Phonograph Toy Mfg. Co.,

95 Milk St., Boston, Mass.

Dear Sirs:-

I beg to advise you that I will be prepared to take to Boston on Tuesday or Wednesday of next week six models of the Speaking Doll upon which Mr. Edison has been engaged for several weeks past. My inability to state which day I can be in Boston is caused by Mr. Insull's desire to accompany me and his uncertainty as to which of those two days he can be in that city. I will, however, be able to telegraph you on Monday, and meanwhile I shall be glad to have you advise me whether this arrangement is entirely in accord with your views.

Yours very truly,

Edison

Private Secretary.

h.

July 11, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you this morning:-

"I saw Mrs. Lord this morning, and she told me that you had abandoned your intention of going to Canada. Will this permit you to name a definite date for Boston?

What time after 12 o'clock can I see you? I have the Phono. Works Balance sheet."

Yours truly,

July 11, 1890

Samuel Insull, Esq.,
16 & 18 Broad Street,
New York City.

Dear Sir:-

Is the memorandum which you obtained from Mr. Lippincott, giving points to be taken care of in getting out a new phonograph, complete or is he to make further additions to it?

Yours very truly,

Private Secretary.

July 11, 1890.

Messrs. Eaton & Lewis,

No. 120 Broadway, New York.

Dear Sirs:-

I sent you 26th ultimo two waivers of royalties which had been prepared by the Attorney of the Edison Phono. Toy Mfg. Co. and which that Company desired to have substituted for the documents prepared by yourselves, covering the same matters. The Boston Company is asking for these papers, and I shall be glad to receive from you a reply to my letter referred to above.

Yours very truly,

Private Secretary.

July 11, 1890

Mr. O. S. Wiley,

Orange, N. J.

Dear Sir:-

I have your letter of 10th instant. The matter which you mention is in the hands of Mr. George P. Kingsley, Counsellor-at-Law, Orange, to whom I beg to refer you.

Yours truly,

Private Secretary.

July 11, 1890.

Mr. Frank A. Burrelle, Gen'l. Manager,

Bureau of Press Clippings, Chicago,

Ills.,

Dear Sir:-

I have your letter of 9th instant. The service that Mr. Edison is receiving from the National Press Intelligence Co., the concern that supplies him with newspaper clippings at the present time, is entirely satisfactory. Mr. Edison has received several offers similar to the one which you make in your letter under reply from rival concerns, most of which have been accepted, and the service rendered was no better than that performed by the National Press Intelligence Co.; indeed in most of the cases it was very much inferior, notwithstanding that the parties were supposed to be making a special effort to get the business. Mr. Edison would not withdraw his patronage from the National Press people unless he were satisfied that a better service could be obtained elsewhere. The clippings which he desires are those relating to himself personally and to his inventions. If you care to supply him with these for a month free of charge, we shall be pleased to have you do so, and your service will be carefully

Mr. F. A. Brewillo,

compared with that of the National Trust Publications Honorary.

Yours very truly,

Private Secretary.

July 12, 1890

My dear Allion,-

Your letter of 11th instant is at hand.

I could not see Mr. Insull yesterday at the hour I expected, and after I had seen him it was too late to telephone you. I am unable to advise you when we will go to Boston, Mr. Insull not having advised me.

Yours very truly,

Edgar S. Allion, Esq.,

Hotel Somerset,

Bernardsville, N. J.

July 18, 1888.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I beg to confirm the following telegram received from you yesterday and my reply to same of to-day:-

Please tell me if Mr. Edison expects to come West soon. I should go away on own business, but will be here should he come. Answer. W. S. Mallory.

I believe he intends going West on Monday; will try and reach him to-day and advise you definitely. A. O. Tate.

Yours truly,

Private Secretary.

July 14, 90.

Mr. Thomas Burkhard,

#125 White Street,

New York City.

Dear Sir:-

Your letter of 8th instant is at hand. Upon examining the kettle closely we find that it is jacketed with asbestos as the order called for. We have connected it up with steam, melted some of our wax in it, and find that it works satisfactorily, we having only lost about 3°F. from the theoretical point.

Yours truly,

Edison Laboratory.

By

[MISDATED. CORRECT DATE IS JULY 14, 1890]

June 14, 1890

Mr. W. S. Mallory,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I beg to confirm the following telegram sent you by Mr. Edison this morning:-

"Wife expected to be ill soon; cannot come until afterwards. Edison"

Yours truly,

Private Secretary.

July 14, 1890

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison Gen'l. Electric Co.,

16 & 18 Broad St., New York.

Dear Sir:-

Mr. Edison has made the following note upon your letter of 10th instant, with which was enclosed confidential circular handed to you by Mr. E. D. Adams:

> "I don't want to enter. You might send copy to General Company. Ask Adams."

I return the circular herewith.

Yours very truly,

Private Secretary.

July 16, 1890

Miss Helen A. Whittin,

Sec'y. Committee on Science & Education,

Middlesex Mechanics Association of Lowell, Mass.

Dear Madame,-

With reference to your letter of 13th instant, Mr. Edison regrets that it is impracticable for him to arrange for the reproduction of his Paris exhibit in your city during the month of August.

After the close of the Lenox Screen exhibit in New York, all of the apparatus was shipped to Minneapolis, where it is to be exhibited in connection with the Minnesotta State Fair which opens early next month.

Yours truly,

Private Secretary.

15th July, 1890.

Sir John Pender,

London, England.

Dear Sir,-

I beg to confirm the following cablegram sent you to-day:-

"Maps of proposed lighting district received. I would not build a barn on such data. I propose sending my expert to London and collect the data in the regular way and lay out a general scheme of lighting the district in a proper and permanent manner like a gas company. The plans will be made by our Engineers here and submitted to yours. What do you say? EDISON."

Yours very truly,

Thos A Edison

July 16, 1890.

The Vorstand of the Gesellschaft Urania,

B e r l i n, Germany.

Dear Sirs:-

The receipt of your esteemed favor under date 25th May last, notifying me of my election to Honorary Membership in the Urania, has remained unacknowledged owing to my absence from home.

It was with much gratification that I learned of the action of your Society in electing me an Honorary Member, and it gives me much pleasure to accept the honor thus conferred upon me.

Thanking your Board of Directors for their courteous letter of notification

I beg to remain,

Yours very truly,

Thomas A. Edison

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362

July 16, 1890.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

The following is an extract from a letter received from Mr. J. H. Block of Moscow, Russia:-

> "After having worked a little with that beautifully simplified new phonograph, delivered to the Czar, the recording on the former apparatus is not by far so cheerful as it was heretofore. May I once more appeal to your generosity and ask you whether you would find it possible to send me simply the top part, marked "X" on photograph which I send per book post. It simply constitutes the carriage tube, with nut and holder and NEW DIAPHRAGM with arm complete. This would again put me at the head of the mission entered upon and would enable me to hold my own."

Please send to Mr. Block the parts mentioned in the above extract from his letter. I send you herewith the photograph which he refers to, so that you can better understand the parts which he wishes to have sent him. Please return the photograph after you are through with it, and comply with Mr. Block's wishes at your earliest convenience.

Yours very truly,

Chas. R. Edison Mgr

July 17, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

It is my opinion that we do not want the Eckmeyer patents, only one of which is of any value, and that is the improved method of Siemens winding. The efficiency is only increased about half a horse power, which is of no benefit practically.

I notice that the Sprague people are putting up a special brand of trolley wire on a guarantee and without testing. About twenty-five per cent of all the power on the railway is lost. By putting up proper wire they could save twenty times more than by this winding.

Second, this winding has the great advantage that it permits rapid repairs to burned-out armatures. As the burning out of armatures is the curse of the railway business to-day, I assume that the burning out defect must be eradicated, and if eradicated the winding will be no longer necessary.

Third, the form of armature on which this winding is alone available is going out of use. That form of dynamo will in a few years be obsolete. The multipolar type is bound to replace it.

Yours very truly,

Thomas A. Edison

July 17, 1890.

Samuel Insull, Esq.,
16 & 18 Broad Street,
New York City.

Dear Sir:-

I have your letter of 12th instant, in regard to Mr. Frazar and the United Phonograph Company. After I have interviewed Mr. Frazar I will communicate with you.

Yours very truly,

Private Secretary.

July 17, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 14th instant, enclosing original of a letter received by you from Mr. J. O. Clephane, together with a communication received by the latter from Mr. Eastman, of the Columbia Phonograph Company.

Mr. Edison desires you to request Mr. Clephane to ask Eastman for more points, those already raised by him being well taken, which is more than Mr. Edison can say of the points raised by the North American people.

Yours very truly,

Private Secretary.

July 17, 1890.

Samuel Insull, Esq.,

16 & 18 Broad St.,

New York City.

Dear Sir:-

I enclose herewith copy of a letter received by Mr. Edison from Drexel, Morgan & Co., asking if he is the owner of shares of the Australasian Electric Light, Power & Storage Co. in name of Walter E. Horn. Do you know if Mr. Edison owns any such shares as mentioned?

Yours truly,

Private Secretary.

C O P Y.

New York, July 15th, 1890.

Thomas A. Edison, Esq.,
Orange, N. J.

Dear Sir:-

Will you kindly advise us as to whether you are the owner of Shares of the Australasian Electric Light, Power and Storage Co. in name of Walter B. Hovn, and if so, the number of shares which you hold in that name and oblige

Yours truly,

(Signed) Drexel, Morgan & Co.

July 17, 1890

Samuel Insull, Esq., Treasurer,
Edison Phonograph Works,
16 & 18 Broad St., New York.

Dear Sir:-

Mr. Edison has read your letter of 15th instant, together with copy of letter which accompanied it from the North Am. Phonograph Co., in regard to the Electric Light Phonograph. In reply he desires me to inform you that we have to-day completed a new model of Electric Light Machine, which we will guarantee to be satisfactory, every defect having been overcome.

Yours very truly,

Private Secretary.

July 17, 1890

Friend Chandler,-

Your letter of 14th instant addressed to the N. J. & Pa. Concentrating Co., has been referred to me.

We do not sell our plant, as there is so much competition with separators that their sale, even at 300 per cent profit, wouldn't return one-tenth the money expended in experimenting. We lease mines and pay a royalty per ton of concentrate and make all the investment ourselves. If your friend would bring samples, maps of property etc., and come to Laboratory, perhaps we could start the ball rolling. All the difference between our plant and others is that I can make a higher grade of iron with less loss in tailings, and hence work a very low grade ore with profit.

Yours very truly,

Thomas A. Edison

C. F. Chandler, Esq.,
School of Mines, Columbia College,
New York City.

July 17, 1890

Wm. F. Ferrier, Esq.,

Geological & Natural History Survey,

Sussex St., Ottawa, Canada.

Dear Mr. Ferrier,-

Your letter of 8th instant was received by me in due course of mail.

Mr. Edison expects to send Mr. Burn, his Mining Engineer, to investigate the Baie St. Paul region in the course of a few days. He would be obliged if you would collect all the available data on the subject and send it to him here at the Laboratory. We would then forward it to Mr. Burn. Your prompt attention to this matter will much oblige

Yours very truly,

Private Secretary.

July 17, 1890.

Luther Stieringer, Esq.,

c/o Edison Gen'l. Electric Company,

16 & 18 Broad St., New York.

Dear Sir:-

Here is a letter from the Century Company which we have received in this office, asking for a photograph of the Franklin image flying a kite which was exhibited recently at the Lenox Lyceum. They want it for use in connection with an article on the Edison Exhibition which they intend publishing in the St. Nicholas Magazine. Can you furnish these people with the desired photograph? If so, kindly send it to them, and oblige

Yours very truly,

Private Secretary.

July 18, 1890

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

Your letter of 16th instant in regard to an Alternating System has been duly received and perused by Mr. Edison, who is unable to reply fully to it at the moment, but will do so as quickly as possible.

Yours very truly,

Private Secretary.

July 18, 1890.

Major S. B. Eaton,

#120 Broadway,

New York.

Dear Sir:-

I beg to acknowledge receipt of your letter of 15th instant re Hartsuff, enclosing original bond and Mortgage executed by Emeline McAvoy and John McAvoy on the 4th October, 1879, covering the premises in Port Huron, Michigan, now the property of Mr. W. P. Edison, together with four notes of $125 each, payment of which had been defaulted; also an assignment of the said mortgage and notes from Albert Hartsuff to myself, dated April 21st, 1890.

Yours truly.

July 18, 96.

Edison United Phonograph Co.,

Mills Building,

New York City.

Dear Sirs:-

I enclose herewith bill against your Company amounting to $1,676.95, covering cost of Phonographs and phonographic supplies presented to different persons in Germany, Russia, China etc.

Yours truly,

A.A.M.

July 18, 1890

Samuel Insull, Esq., 2nd Vice-President,

Edison General Electric Co.,

Nos. 16 & 18 Broad Street, New York City.

Dear Sir:-

Referring to the report of Messrs. Dyer & Seely on the Eckmeyer patents and the patents which you submitted to me, I assume that the one thing which Mr. Sprague is desirous of acquiring for the Company is the patent which covers the improved method of Siemens winding. The efficiency with this method is only increased about half a horse power, and this is of no practical benefit. If this were at all a factor in the matter, I do not imagine that the Sprague Company would use a trolley wire which results in 25% of all the power on the railway being lost; whereas if they used a proper trolley wire they could save twenty times more in efficiency than by the winding referred to. I understand that the great benefit which it is urged would be gained by using the Eckmeyer winding is that it permits rapid repairs to burned-out armatures. The fatal objection to the present methods of electrical railway work is this trouble of burning out of armatures. This is a [illegible] defect which cannot be properly

eradicated by a change of winding. It goes a great deal deeper than this, and what is necessary is a radical change of invention. I am convinced that the Siemens form of armature will go out of use, inasmuch as this form of dynamo will, in my opinion, be entirely obsolete within a comparatively short time. I am sure that the multipolar type of machine will replace existing forms of generators and motors, and the Eckmeyer winding would not by any means be available for the improved type of generators and motors referred to. I am strongly of the opinion that your Company should not purchase the Eckmeyer winding if it involves a guaranteed royalty which in a very short time would prove an onerous obligation to the Company for the reasons above stated.

The foregoing is written on the assumption that the Eckmeyer patents are valid. My own impression is that a winding exactly similar to that patented by Eckmeyer was described long since in one of the electrical papers. I am having this reference looked up.

Yours very truly,

Thos A Edison

July 19, 1890

G. M. Morrison, Esq., Secretary,

Edison United Phonograph Company,

Mills Building, New York.

Dear Sir:-

There was sent to you yesterday a bill for phonographs presented by Mr. Edison to distinguished people, in accordance with the former's understanding with your Company. When I rec'd. your request for a list, I thought that I might as well get the bill out at the same time. This delayed the matter a little, but I trust not to your inconvenience.

I have been looking for an opportunity to call and sign your Minute Book as you asked me to do some time ago, but I have not been in New York and to-day I am called away to Canada and will not be back until the middle of next week. The first time I am in New York I will go to your office and affix my signature.

Yours very truly,

Private Secretary.

July 19, 1890

H. M. Livor, Esq., Manager,

New Jersey & Pennsylvania Concentrating Works,

#19 Dey St., New York City.

Dear Sir:-

You will at once proceed to erect the Refining Mill and Storage Bins, authorized by the Board of Directors at their meeting held July 18th, 1890.

Yours truly,

Thomas A. Edison

President,

N. J. & Pa. Concentrating Works.

July 18, 1890.

Everett Frazar, Esq.,
#124 Water Street,
New York City.

My dear Mr. Frazar,-

Mr. Edison received your letter under date 16th instant and desires me to thank you for having brought to his attention copies of communications received by the various members of your firm in China bearing upon the presentation of the phonograph to the Chinese Emperor, and to H. E. Li Hung Chang.

I have been intending to call upon you each day for several days past, but have been unable to leave Orange owing to pressure of business. To-day I was very unexpectedly called away to Canada and shall now have to postpone interview with you until the latter part of next week.

I regret exceedingly to say the Edison United Phonograph Co. has not received our advances in your behalf relative to a continuance of the phonograph business in China and Japan upon the lines which we have been pursuing all along in the spirit in which we hoped they would receive them. Mr. Jesse Seligman, who as a matter of fact, speaks for the United Phonograph Co., seems disinclined to permit the sale of phonographs in the countries mentioned

Everett Frazar, Esq.

until those countries have been purchased from his Company. We have argued that the interests of the United Company would best be consulted by continuing your agency. We have placed before him the most excellent record which you and your firms have made as representatives of various Edison interests and have spared no effort to convince him that it would be a great misfortune to discontinue a business which you have inaugurated so successfully. We have taken up Mr. Seligman's side of the case and tried to show him that pioneer work will increase the value of the phonograph business in China and Japan, as it will familiarize the people with the machine and create a market for it, which of itself, can have practically no existence in those peculiar countries.

But so far, our efforts have been unavailing. Of course the arrangement into which you entered with Mr. Edison made it possible for the latter to cease filling your orders at any time, but I desire to impress upon you very strongly that if Mr. Edison had power now to take independent action you would not be subjected to the inconvenience and disappointment which at this time you must certainly experience. I think it would be very desirable for you to see Mr. Seligman and endeavor to make some arrangement whereby the sale of phonographs in China and Japan may be resumed. If you prefer waiting until I can have a personal interview with you I can accomplish that the latter part of next week, but I cannot give you any more information or place the matter before you more clearly than I have done in this letter, and perhaps time

would be saved if you were to see Mr. Seligman immediately.

I beg to assure you that you need have no hesitation in calling upon Mr. Edison, Mr. Insull or myself for any assistance which it is possible for us to render you.

Yours very truly,

Private Secretary.

July 19, 1896

Messrs. Dyer & Seely,

436 Wall Street, New York City.

Dear Sirs:-

I enclose herewith translation of a letter which we have received from the Compagnie Continentale Edison, stating that after September 1st they will discontinue the payment of fees upon the Austrain and Spanish patents mentioned in their communication.

It being usual for you in such cases to advise Mr. Edison of the American patents corresponding to the foreign patents which it is proposed to drop, I shall be glad if you will submit the information at your early convenience.

Yours very truly,

Private Secretary.

Translation.

COMPAGNIE CONTINENTALE EDISON

Paris 3rd July, 1890.

Thomas Alva Edison, Esq.,
Orange, N. J.

S i r :-

We have the honor of informing you that the General Incandescent Lamp Company has decided, in consideration of the general state of affairs and of the approaching expiration of the patents, not to pay further after September 1st, 1890 in Austria and Spain, the royalties of the following patents:

Edison Patent Austria Series
2--January 22nd, 1880
2a May 5th, 1881
2b May 5th, 1881
4--July 25th, 1880
5--August 13th, 1880
8--January 7th, 1881
13--August 3rd, 1881
18--November 9th, 1881
26--December 31st, 1881
58--December 6th, 1883
60--January 4th, 1884

Edison Patents Spain Series
1--February 1st, 1879
4--February 20th, 1880
5--January 2nd, 1882.
8--April 26th, 1881
13--September 5th, 1881
13a-September 5th, 1881
18a-November 2nd, 1881
26--March 3rd, 1882
23--February 24th, 1882.

The Company will continue to pay the royalties for the two patents

Austria 2nd Pat. Sect. 3, May 26th, 1880

Spain, 3rd Pat. Sec. 3, March 12th, 1880.

In consideration of the nature of our relations we think we ought to bring this fact to your knowledge. Please give us notice of the receipt of this letter, and believe Sir

Yours very respectfully,

COMPAGNIE CONTINENTALE EDISON

(Signed) Ch. Parge

President of the Council of Administr'n.

July 21, 1890

Major S. B. Eaton,

#120 Broadway, New York City,

Dear Sir:-

Will you please have the attached minutes of meeting of Board of Directors of the Edison Phono. Works, held 29th day of April, 1890, written up in the Minute Book of that Company, which is at present in your office, and much oblige

Yours truly,

Secretary.

Minutes of special meeting of the Board of Directors of the Edison Phonograph Works held at the office of the Company, Orange, New Jersey, on Tuesday, 29th day of April, 1890

Present, Messrs. T. A. Edison, Samuel Insull, and the Secretary, A. O. Tate; Mr. Edison in the Chair.

The attention of the Board was called to the Resolution passed at the meeting held on February 8th, 1890, directing that Mr. Edison be reimbursed, not to exceed $10,000, for his cash outlay in experimenting on phonographic dolls and toys, provided he would assign to this Company his right to manufacture the same, and authorizing the execution of such instrument of assignment in behalf of this Company. The President Stated that the Edison Phonograph Toy Mfg. Co. was unwilling to become a party to the assignment and to consent thereto, until they could consult their Counsel Mr. Hutchinson, then and now absent in Europe. But at the request of the Seligmans, and acting under the advice of Mr. Beaman, Mr. Eugene Seligman and the Counsel of this Company, Mr. Eaton, the assignment had been made by Mr. Edison without waiting for the Boston Company. On motion of Mr. Insull, the following resolution was unanimously adopted:

RESOLVED: That the action of the Officers of the Company in executing the Agreement between this Company and Mr. Edison dated March 11th, 1890, whereby this Company acquired from Mr. Edison the right to manufacture phonographic dolls and toys, the said right having been acquired by him under his agreement of August 6th, 1889, with the Edison Phonograph Toy Manufacturing Company, be and hereby is approved.

Attention was then called to Mr. Edison's account for disbursements in experimenting on phonographic dolls and toys, and the Treasurer, Mr. Insull, stated that he had reimbursed Mr. Edison as provided for in the resolution of this Board adopted February 8, 1890. Mr. Insull stated that the amount paid to Mr. Edison was $6,100.00, and moved the following resolution which was unanimously adopted:

RESOLVED: That the action of the Treasurer of the Company be and hereby is approved in paying Mr. Edison $6,100.00, according to the accounts submitted to this meeting, in full settlement of all claim by him against the Company on account of experiments on phonographic dolls and toys, as set forth in said statement; and that the Treasurer of this Company procure from Mr. Edison a receipt

in full for all of said disbursements, and file it away in the archives of the Company.

Upon motion the meeting adjourned.

July 21, 1890.

Mr. J. H. Block,

M o s c o w , Russia.

My dear Sir:-

Mr. Edison has read your letter under date June 11th, and has asked me to thank you for the same. He will be very pleased to receive the box of phonograms which you have so kindly sent to him. Mr. Edison has instructed the Phonograph Works to forward to you at once the phonograph parts which you desire and which were marked on the photograph which was received by same mail as your letter now under reply.

In regard to the musical part of the phonograph, Mr. Edison will be glad to have you correspond with him on this subject. He is always glad to hear from you and appreciates highly the interest which you are taking in his invention.

Yours very truly,

Private Secretary.

July 22, 1890.

Mr. E. R. Mofford,

#42 West, 27th Street,

New York City.

Dear Sir:-

Your letter of 16th instant addressed to Mr. Samuel Insull, in regard to an Electro-Magnetic Separator, has been referred for reply to Mr. Edison. The latter says that there are over thirty Separators in the market and there is no money in them.

Yours very truly,

Private Secretary.

July 22, 1890.

Jesse W. Seligman, Esq.,

#21 Broad Street,

New York City.

Dear Sir:-

Mr. Edison has asked me to refer to you the enclosed correspondence relative to a phonograph for the National University of Chile. Please note his remarks on the subject written upon Mr. Insull's letter. I have written Mr. Trescot, advising him that a phonograph for use in Chile would have to be obtained from the Edison United Phonograph Company, and that the correspondence had been referred to that Company for attention. I would direct your notice to Mr. Trescot's request for the return of Mr. Egan's letter.

Yours truly,

Private Secretary.

July 22, 1890

Hon. Wm. Henry Trescot,

#1418 L St., Washington,

D. C.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your esteemed favor under date 12th instant, enclosing communication addressed to yourself by the Hon. Patrick Egan, U. S. Minister in Chile, in regard to a phonograph for the Faculty of the National University of Chile.

The phonograph outside of the United States and Canada is controlled by the Edison United Phonograph Company, Mills Building, New York City, and an instrument for use in Chile would have to be obtained from that Company. Mr. Edison regrets that he himself cannot furnish a phonograph to the University of Chile, but his contracts with the Company mentioned prohibit his doing so. He has, however, forwarded the correspondence to the United Company, with the request that they supply the desired phonograph; he has also requested the Company to communicate with you direct on the subject.

Yours respectfully,

Private Sec'y.

July 22, 1890.

Edward D. Adams, Esq.,

Messrs. Winslow, Lanier & Co.,

#17 Nassau St., New York.

Dear Sir:-

I beg to confirm the following telegram dated 21st instant received from you by Mr. Edison this morning:

"Referring to Mr. Insull's letter regarding Niagara Commission, have you any objection to the Edison Co. of Paris submitting plans? Its President decides to do so and I promised to notify him if you did not object.
Edward D. Adams, President."

In reply to which Mr. Edison wired you to-day as follows:

"I have no objections. Edison."

Yours truly,

Private Secretary.

July 23, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Mr. Edison has asked me to refer to you the enclosed letter received this morning from Mr. Insull in which is quoted an extract from a letter received by Mr. Lippincott from his Chicago Company, complaining about cylinders lately sent to them. I have replied to Mr. Insull's communication in accordance with Mr. Edison's notes, stating that we would duplicate the Chicago Company's order with better cylinders.

Yours truly,

Private Secretary.

July 23, 1890

Jesse H. Lippincott, Esq., President,

North American Phonograph Company,

#160 Broadway, New York.

My dear Sir,-

Mr. Upton, who has three phonographs at Lamp Factory near Newark, did not know how to make corrections; didn't know he could shift diaphragm and hear what he had recorded. He also complained he couldn't get enough on cylinder; found they were running machine 175 revolutions, giving only 2 1/2 minutes instead of four. The N. J. Inspector, Mr. Upton says, seems to be a good man, but claims he never got any instructions, nor can he get any how to run a phonograph in a business office. This is a type of a general complaint everywhere. Its about time the North American Company got up a simple book of instructions from the experience they now have in business offices.

Yours truly,

Thos. A. Edison

July 23, 1890.

Samuel Insull, Esq., Treasurer,

Edison Phonograph Works,

16 & 18 Broad St., New York City.

Dear Sir:-

Mr. Edison has read your letter of 22nd instant, in which you quote an extract from a letter received by Mr. Lippincott from his Chicago Company, complaining about cylinders lately received by them. In reply Mr. Edison desires me to say that as we generally find out the troubles connected with the phonograph through hearsay and other means several months after they have been developed, we have rather a hard time improving things. The cylinders sent to the Chicago Company were probably of the first lot made. Those which we are turning out now are much better and have not the defect which the Chicago Company complains of. We will duplicate the Chicago order with better cylinders.

Yours truly,

Private Secretary.

July 23, 1890

Edison Phonograph Toy Mfg. Co.,

No. 93 Milk St., Boston, Mass.

Dear Sirs:-

I beg to confirm the following telegram sent you this morning in reply to your communication of 22nd instant:-

"Tate absent; returns Friday morning, when your communication of twenty-second shall receive immediate attention. EDISON."

Yours truly,

Thomas A. Edison

A. O. Tate,

Rossin House,

Toronto, Ont., Canada.

July 23, 1890.

Important matters have come up re Boston Company. Mr. Edison desires you to be here sure Friday morning.

Thos. Maguire.

July 23 1890

Received National Bank
Bond & Mortgage
Lease &c.

Received the following checks

Receipts A.A. Co.	115
" " "	16.00
" " "	172.75
Jos. Walker Exp. for Kinsler	13.14
Berger Manuf. Co.	2414.11
	$2730.55

Please place same to credit of my account

Yours truly
Thos. A. Edison

A. O. Tate,

July 23, 1890.

Rossin House, Toronto, Ont.

Matter referred to in previous message had nothing to do with manufacturing report. Boston Company has cable from Yeomans stating whole money ready to put up and want Edison to authorize them to cable Yeomans that their and Edison's rights ready for transfer against cash and shares delivered in Boston. Mr. Edison has deferred action until your return, and I have so advised Boston Company. Logue returned to-day and is with your brother in New York.

Thos. Maguire.

July 24, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

16 & 18 Broad St., New York.

Dear Sir:-

Mr. Edison has made the following note upon your letter of 23rd instant, in regard to Mr. W. Preston Hix and his connection with the Edison Gen'l. Electric Company:

"Mr. Hix must stand on his own bottom. Edison."

Yours very truly,

Private Secretary.

July 24, 1890.

Mr. F. L. Bitler,

c/o Mr. John Birkinbine,

#25 N. E. City Hall Sq., Phila., Pa.

Dear Sir:-

I beg to confirm the following telegram sent you to-day:-

"When is Mr. Birkinbine expected home, and if home what day next week could I go over and see him? Answer."

Yours truly,

July 25, 1890

Mercantile Trust Co.,

No. 120 Broadway,

New York City.

Dear Sirs:-

A meeting of the stockholders of the Edison Phonograph Works having been called for Tuesday, the 29th instant, I beg to request that you furnish me with a proxy to vote upon 1185 6/10 shares of the stock of the said Company now held in trust by you under the provisions of two certain agreements between Thomas A. Edison and the Mercantile Trust Company, dated January 21st, 1890, and April 5th, 1890, respectively, as provided in the Third Section of the said Agreement.

Very truly yours,

Thos A Edison

Letterbook, LB-043

This letterbook covers the period July-September 1890. Most of the letters are by Edison and Alfred O. Tate. The correspondence relates primarily to the manufacture and marketing of the phonograph and talking doll. Included are letters pertaining to the operations of the Edison Phonograph Toy Manufacturing Co., the production of phonograph batteries and cabinets, leasing arrangements and royalty payments, and production problems with the coin-operated phonograph. Other letters deal with mining and ore milling in Canada and at Ogden, N. J.; electric lighting; the mimeograph; the Sims-Edison torpedo; and the Edison-Lalande battery. The front cover is labeled "General Letter Book. T.A. Edison." The book contains 503 numbered pages and an index. Approximately 40 percent of the book has been filmed.

July 25, 1890

Edison Phonograph Toy Mf'g. Co.,

No. 95 Milk Street, B o s t o n ,

Mass'.

Dear Sirs:-

I beg to confirm the following telegram sent you to-day, in reply to your letter of 22nd instant:

"Upon receipt in Boston of One Hundred Thousand pounds cash, together with shares representing one-eighth interest in Company whose Capital does not exceed Three Hundred Thousand Pounds, less expenses and commissions which must not exceed Twelve Thousand pounds, myself and the Edison Phonograph Works will in consideration of thirty-two per cent of said cash and shares, execute any papers necessary to transfer our rights in Great Britain, Continental Europe and the Channel Islands to the said Company, upon the condition that my transfer of manufacturing rights to the Edison Phonograph Works shall be recognized by your Company, which is necessary, as the Phonograph Works now own these rights.
Thomas A. Edison."

Yours very truly,

Thomas A. Edison

July 26, 1890

Daniel Weld, Esq'r, Secretary,

Edison Phonograph Toy Mfg. Company,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of your letter of 21st instant, enclosing communications addressed to Mr. Edison and the North American Phonograph Company, and forms for waivers for each of the $10,000 royalties due October 1st, 1890. I will give both these matters my immediate attontion.

Yours very truly,

Private Secretary.

July 26, 1890

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of your letter of 22nd instant to Mr. Edison, enclosing copy of a letter from your Counsel Mr. W. S. Hutchinson, containing comments and suggestions relating to the papers drawn by Mr. Lewis in reference to the Yeomans matter. In view of Mr. Yeomans' cablegram of a few days ago, stating that he is prepared to send cash and shares to Boston, I presume that the matter referred to in your letter under reply can be permitted to rest at least for the present.

Yours very truly,

Private Secretary.

July 26, 1890

My dear Weld,-

I am very much obliged for your letter of 24th instant, in regard to your coming to Orange re Manufacturing Report. I went into this matter yesterday to some limited extent with Mr. Magovern, and am going to go completely through the report with him on Monday next. I think that he will be able to send in his Report by about Wednesday, so that towards the end of next week you and Mr. Mackintosh will probably be placed in a position to take some kind of action. Meanwhile I will attend to waivers of royalties and I trust that before we have to take up the Manufacturing Report you will have made a sale of the European rights.

Yours very truly,

Private Secretary.

Daniel Weld, Esq., Sec'y.,
Edison Phono. Toy Mfg. Co.,
Boston, Mass.

July 26, 1890

Dear Mr. Frazar,-

I have your letter of 22nd instant. I will take this matter up immediately and communicate with you further in the course of a few days. I am going ahead with the idea of obtaining a position for you at the Edison Machine Works, Schenectady.

Yours very truly,

Private Secretary.

Mr. Everett W. Frazar, Jr.,
81 High St., Orange,
N. J.

July 26, 1890

Jesse Coligman, Esq.,

Mills Building,

New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 23rd instant, returning letter from Mr. J. Block, of Moscow, Russia, also letters from the Hon. Wm. H. Trescot and the Hon. Patrick Egan, Minister to Chile, the two latter referring to the presentation of a phonograph to the National University of Chile. Mr. Edison and Mr. Insull are of the opinion that it would be a graceful act on the part of the United Phonograph Company to present a machine to the University of Chile, and at such time as you may be satisfied with the instruments which are being turned out by the Edison Phonograph Works, if you will forward them an order for a phonograph and supplies for the above purpose, it will have immediate attention. Mr. Edison thinks it would be better for the United Edison Phonog. Co. to communicate direct with the Hon. Patrick Egan at such time as they are prepared to make the presentation.

Yours very truly,

Private Sec'y.

July 26, 1890.

Hon. Wm. Henry Trescot,

Washington, D. C.

Dear Sir:-

I return herewith letter of the Hon. Patrick Egan, addressed to yourself, under date 22nd May 1890, in regard to the presentation of a Phonograph to the University of Chile, and beg to inform you in reply to your communication addressed to Mr. Edison under date 12th instant that this matter was referred to the Edison United Phonograph Co., Mills Building, New York City, Mr. Edison having endorsed the Hon. Patrick Egan's request and suggested to the United Co. the desirability of making the presentation. I am in receipt of a letter from Mr. Jesse Seligman, under date 23rd instant, in which he indicates the willingness of his Company to present a phonograph, with a complete outfit, to the University of Chile, stating that all his Company would require is a guarantee that the machine would not be used for any other purpose than that specified in Mr. Egan's letter. I have to-day written Mr. Seligman, requesting him to communicate direct with the Hon. Patrick Egan, which he will doubtless do in due course. I have the honor to remain

Very truly yours, Private Sec'y.

July 26, 1890

Daniel Weld, Esq., Sec'y.,

Edison Phonograph Toy Mfg. Company,

#96 Milk St., Boston, Mass.

Dear Sir:-

I beg to acknowledge receipt of your letter of 19th instant, enclosing a letter from Mr. Hutchinson, addressed to myself under date 18th instant, referring to letter of S. B. Eaton, dated 14th instant, touching waiver of royalties. In the alternative proposed by Mr. Hutchinson, he assumes that royalties for the whole year ending September 30th, 1890, will be waived. As you understand, this matter has not yet been arranged. I am taking it up now with Mr. Edison and the North American Phonograph Co. and will put it through as quickly as possible, if it can be done, of which I have very little doubt. Meanwhile the matter of form of waiver will have to rest, as Mr. Hutchinson makes no suggestion with relation to circumstances that now exist.

Yours very truly,

Railway Secretary.

July 26, 1890

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

I enclose herewith a letter from Mr. Everett W. Frazar, who is a son of Mr. Everett Frazar. This young man has just taken a degree at Stevens Institute, and desires to obtain a position in the Test Room, or in some other Department of the Machine Works at Schenectady. He came to see me several weeks ago, and I told him that when he was through his College course I had no doubt that you would be able to place him in Schenectady. It is his father's intention to send the young man to China and Japan to take technical charge of the electrical business of Frazar & Co. in those countries, and therefore I think it would be a good idea for us to have him educated in our business.

Yours very truly,

Private Secretary.

July 26, 1890.

Major S. B. Eaton,

120 Broadway,

New York City.

Dear Sir:-

I enclose herewith letter addressed to me from yourself, under date 14th inst., copy of letter from Messrs. Eaton & Lewis to Howard K. Brown, under date March 8, 1890, copy of letter from Howard K. Brown to Messrs. Eaton & Lewis, under date March 3rd, 1890, letter from Mr. W. H. Hutchinson, Counsel to the Edison Phono. Toy Mfg. Co., addressed to myself, under date 18th instant, and letter from the Secretary of the Toy Company addressed to myself, under date 19th instant, all referring to waiver of royalties. The last time I was in Boston the Company requested me to try and obtain from Mr. Edison and the North Am. Phono. Co. a waiver of the royalties for the year ending September 30th, 1890, and I agreed to do so. Mr. Hutchinson criticizes your letter and proposes an alternative clause, which, however, does not fit the present circumstances of the case. He takes it for granted that I will be able to obtain the consent of Mr. Edison and the North Am. Phonograph Co. to the waiver of royalties for the year 1890.

Major S. E. Maton. -2- July 26, 1899.

This consent I have not yet obtained. I presume this matter might as well rest until I have had time to take action.

Yours very truly,

Private Secretary.

July 28/90

E. Allison Esq.
Gen Mngr.
Edison Phono. Toy Mfg Co.
138 - 5th Ave N.Y.

Dear Sir.

I beg to refer the attached letter, regarding Doll to be repaired, to you for your kind attention.

The doll has been received here, and has been turned over to Mr E. E. Magoveen at the Phonograph Works.

Yours truly
Thos. A. Edison
per

July 28th 1890

Saml. Insull Esq.
Llewellyn Park
N. J.

Dear Sir:

I beg to advise you that the following message was repeated to your office just after you left for Orange:

"The Graphophone people neglected to transfer stock to their nominees for directorate of Phonograph Works. I shall therefore be obliged to adjourn tomorrow meeting for a few days to get signature to Certificates. Mr Edison went to Ogden today.

Signed
A. O. Tate

Yours truly
John F. Randolph

July 28th 1890

The German National Bank
Broad St. Newark N J

Dear Sirs:

Enclosed herewith please find the following checks.

1 for	———	$26.36
1 -	———	19.30
1 -	———	50.00
		$95.67

Please place same to my credit and oblige

Yours truly
Thos. A. Edison

July 30th, 1890.

Jesse Seligman, Esq.,

Mills Building, New York City.

Dear Sir:-

Replying to your letter of the 28th instant. I beg to say that Mr. Edison has in view no particular time when a Phonograph should be sent to the National University of Chili. He will be very glad to carry out any instructions which may be given by the Edison United Phonograph Company with relation to this presentation.

Yours very truly,

Private Secretary.

July 30th, 1890.

H. M. Livor, Esq.,

New Jersey and Pennsylvania Concentrating Works.

19 Dey Street, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of 25th instant. requesting me to enter the order of your Company for all parts of the 12 Belt Separateing Machines, except the wood work. Also requesting me to forward you a blue print of those machines. The blue print was sent you by mail last night to Ogden. We have already commenced work upon the separateing.

Yours very truly,

Lou Phelon

July 30th, 1890.

Samuel Insull, Esq.,

#16 Broad Street, New York City

Dear Sir:-

On a letter from Mr. Edward D. Adams, President of the Cataract Construction Company addressed to Mr. Edison on the date 25th instant, you have made the following note:

"Don't answer this without seeing me."

I enclose herewith a copy of the communication referred and will be glad to have the suggestions indicated by your note.

Yours very truly,

Private Secretary.

July 25th, 1890.

Thomas A. Edison, Esq.,

Orange, New Jersey.

Dear Sir:-

Upon your return from Europe last Summer, you agreed either for yourself or for the Edison Company, I never knew which, to make a Canvass for the City of Buffalo, in the interest of the Niagara Falls project, without charge for your own or the services of others, but subject to the actual expenses incurred. Will you please render me a detailed statement of these disbursements, and send me the information gathered, so that I may present the matter to my Board of Directors for action. As explained to Mr. Insull had you desired to use this information in formulating a plan for the Buffalo Transmission, you might have retained the data for use in that connection had you considered it of sufficient value to have paid the expense thereof.

It is evident from your note at hand this morning, that your memorandum of cable charge should have been sent to the Paris Company.

Sincerely yours,

Sgd. Edward D. Adams,
President.
per Geo. C. Wetmore, Jr.

July 31st, 1890.

J. F. Howell, Esq.,

"The Message"

#36 Cortlandt Street, New York City.

Dear Sir:-

Replying to your letter of the 30th instant. I beg to say that we are making some changes in connection with our Edison-Lalande Battery advertisements, and for the present will not be able to do any more advertising. I think however in the course of a few weeks we will be able to place an advertisement with you.

Yours very truly,

Private Secretary.

July 31st, 1890.

Edison Lamp Company,

Harrison, New Jersey.

Dear Sirs:

Replying to your letter of the 29th instant. in regard to Laboratory account rendered youfor the month of May last, and referring to your request to be furnished with details of pay roll amounting to $1,058.22 I beg to say that $471.76 of this is in connection with Mr. Edison's general lamp experiment and $586.48 is expense connected with Lamp test roll. I think I explained to you some time ago that all our Laboratory fixed charges are paid without labor; it will be a good idea if you do not understand these matters for your Mr. Meadowcroft the next time he is at the Laboratory to see our books and observe our method of making up accounts.

Yours very truly,

Private Secretary.

July 31st, 1890.

Philip B. Dyer, Esq.,

Rue Ooy, 43

Antwerp, Belgium.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 19th instant, in regard to a document sent me by the A. B. Dick Co. referring to the Mimeograph in Switzerland, which I signed some time ago and returned to Chicago. I informed Mr. Dick a few days ago in New York that this paper had been sent to Chicago and he said that he would communicate with his people there and instruct them to forward it to you.

Yours very truly,

July 31st, 1890.

Henry Villard, Esq.,

Mills Building, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 30th instant. advising me as a member of the syndicate for the purchase of Edison General Electric Company's stock, that the syndicate named is dissolved and no longer controls the stock held by me.

Yours very truly,

July 31st?1890.

Messrs. Dyer, & Seely,

#36 Wall Street, New York City.

Dear Sirs:-

Replying to your letter of the 24th instant, in regard to Mr. Edison's application 281,455, certain claims of which the examiner cannot be induced to allow, Mr. Edison says, to appeal.

Yours very truly,

Private Secretary.

July 31st, 1890.

Ludwig Dreier. Esq.,

#45 Wall Street, New York City.

Dear Sir:-

Replying to your letter under date 24th instant. I beg to say that the principal portion of your iron bed is non-magnetic and I could do nothing with it; but there are others which are magnetic and with these I can deal if they can be mined cheaply. I would be willing to lease on royalty per ton of concentrates or buy at a reasonable price any low grade magnetic vein on property that could be made profitable. I will read up various other reports which I have on this property, and when my expert returns in October, I will send him there to investigate the magnetic portions of the property with your permission.

Yours very truly,

August 1st, 1890.

Geo. Wilkinson, Esq.,

Receiver, Newark Savings Institution.

#804 Broad Street, Newark, N. J.

Dear Sir:-

Replying to your letter of the 26th instant to Mr. Edison, I beg to say, that we have not got in this Laboratory bank book No. 50797. In fact this whole transaction with your Savings Institution is something which we have not been able to trace. Mr. Edison has forgotten the matter entirely and his records do not show any deposits having been made in your institution, at least within the last twelve years. Would you very kindly enlighten me a little on this subject, and oblige,

Yours very truly,

Private Secretary.

August 1st, 1890.

Memorandum to Mr. Kennely.

Here is a letter from Dr. Klug in regard to his Microscope. You will remember that Dr. Klug wrote some time ago and the matter was referred to you; I think that you suggested his coming to the Laboratory on a certain date, but for some reason the visit was not made. Mr. Edison would like you to make another appointment.

Yours very truly,

P. S. I have not answered Dr. Klug's letter.

Inclosure.

August 1st, 1899.

Messrs. Dyer & Seely,

#36 Wall Street, New York City.

Dear Sirs:-

I enclose herewith a letter from Mr. R. U. Johnson, the Secretary of the American Copyright League, addressed to Mr. Edison in regard to an open letter which Mr. Johnson suggests that Mr. Edison should write to Speaker Reed, relative to the Copyright Bill. Mr. Edison would like to have you submit to him a draft of a communication which you would consider suitable.

Yours very truly,

Private Secretary.

Inclosure.

August 1st, 1890.

R. U. Johnson, Esq.,

Secretary, American Copyright League,

#33 East 17th Street, New York City.

Dear Sir:-

I beg to advise you at Mr. Edison's request, I am communicating with his patent attorneys, Messrs. Dyer & Seely, in regard to the open letter which you have suggested be addressed by Mr. Edison to Speaker Reed regarding the copyright bill. Mr. Edison is not in Orange at present and your second communication enclosing draft of a proposed letter has come during his absence. I expect him to return to-morrow or the next day when your communication last referred to will be submitted to him.

Yours very truly,

Private Secretary.

August 1st, 1890.

C. J. Reed, Esq.,

Vortman House, Penvil , N. J.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 30th instantenclosing sketch and dimensions of boxes which you require for cores; these boxes have been made to-day and will go forward to you the first thing to-morrow morning.

I enclose herewith a letter from H. A. Delmart, of Barclay N. J. which I send you at Mr. Edison's request. Mr. Edison desires you to see this party.

Yours very truly,

Private Secretary.

Enclosure.

August 1st, 1890.

C. G. Y. King, Esq.,

Chester Foundry and Machine Co.

Chester, Pa.

My dear King:-

Nothing has been done in regard to Silver Lake excepting the filing of the Incorporation papers of the Edison Industrial Works. I have not forgotten the matters that we talked about and will advise you in good time.

I hope you are well and enjoying yourself; by the way when is Mrs. King expected in America.

Yours very truly,

Come out and see me when you come last

August 1st, 1890.

Samuel Insull, Esq.,

#16 Broad Street, New York City.

Dear Sir:-

I am in receipt of a letter from Mr. Edwin M. Fox, under date 29th instant in which he says that he is going over to Europe for the Sima-Edison Electric Torpedoe Company to work with Col. Gouraud in reference to the introduction of the torpedo. Were you aware that this matter had been placed in Col. Gouraud's hands.

Yours very truly,

Private Secretary.

Aug. 5th, 1890.

Col. Geo. E. Gouraud,

Edison House B.

Northumberland Avenue,

London, W. C. England.

Dear Sir:-

I beg to acknowledge receipt of your cablegram under date 4th instant, as follows; "Prospectus infringes our rights grossly," in reply to my cablegram of Saturday asking you for an explanation of the statement made to me by the Boston Company, that you had filed or threatened to file an injunction against the Company which was being brought out in London to take over the rights of the former in certain countries.

Yours very truly,

Aug 5/90

W. H. Preece Esq
London
England

My dear Sir: Permit me to introduce to you Mr. J. W. Gladstone one of Mr. Edison's assistants and superintendent of the Edison Manuf'g Co. which manufactures the Edison-Lalande primary cell. Mr. Gladstone is taking some of these cells with him and will place a few at your disposal if you would like to test them.

Any courtesies extended

to Mr Gladstone will be very highly appreciated by Mr Edison and myself

Yours very truly

[illegible]

Private Secy

Aug. 8th, 1899.

Dr. C. Klug,

Eden Musee American Co., Limited.

#55 West 23rd Street, New York City.

Dear Sir:-

In further reference to your letter of the 26th ult. I beg to advise you that Mr. Edison has been at home very little during the past two monthsand his movements for several weeks to come are so uncertain that it is impossible for us to make an appointment for you to visit the Laboratory with your Microscope. Some time later on Mr. Edison will be glad to have you come over and show him your apparatus.

Yours very truly,

Private Secretary.

Aug. 5th, 1890.

Edison Phonograph Toy Manufacturing Co.,

#95 Milk Street,

Boston, Mass.

Dear Sirs:-

I beg to confirm the following Telegram sent you under date 2nd instant. "Have cabled Gouraud for explanation which shall probably receive Monday. (Sgd.- Thomas A. Edison."

I also confirm the following Telegram sent you to-day. "Insull will attend meeting any time Thursday. Have you received copy prospectus English Company, or have explanations been mailed you."

Also the following under to-days date. "Received following from Gouraud. Prospectus infringes our rights grossly." Both of the above signed A. O. Tate.

Yours very truly,

Private Secretary

Aug. 5th, 1890.

Daniel Weld, Esq.,

Sec'y. Edison Phonograph Toy Manufacturing Co.,

#95 Milk Street, Boston, Mass.

Dear Sir:-

I beg to confirm the following Telegram sent you under date 1st Instant. "Don't send cable to Yeoman regarding Stereoscopic Company. Cable collette as proposed but eliminate the following sentence. We understand you are counsel Stereoscopic Company. (Sgd.- Thomas A. Edison."

Yours very truly

Aug. 5th, 1890.

E. H. Lewis, Esq.,

Care of Messrs. Eaton & Lewis,

#120 Broadway, New York City.

Dear Sir:-

I enclose herewith a letter from Mr. Edison for the Mercantile Trust Deposit Company, in regard to a proxy which Mr. Edison desires to obtain from them to vote their stock at the postponed annual meeting of the Stockholders of the Edison Phonograph Works which is to be held at the office of the Company on Wednesday 13th instant.

Yours very truly,

Private Secretary.

Inclosure.

Aug. 5th, 1890.

Mercantile Trust Co.,

New York City.

Dear Sirs:-

Referring to the attached, I beg to advise you that the annual meeting of the Stockholders of the Edison Phonograph Works was postponed from July 29th to Wednesday, August 13th,. Will you be kind enough to send me a proxy in favor of myself, Samuel Insull, Alfred O. Tate, or either of these three to vote as your proxy at the meeting August 13th, 1890, and oblige,

Yours very truly,

Thos A Edison

Inclosure?

Orange, N. J. July 29th, 1890.

Col. Geo. E. Gouraud,

London, England.

Dear Sir:-

Under date 19th June last you addressed a letter to Mr. Thomas B. Connery in reference to the Phonograph business in Mexico and forwarded a copy of the same to each of the Directors of the Edison United Phonograph Company, myself among the number.

You have in this communication represented Mr. Connery's case in such a prejudiced manner that I cannot in justice to him and to myself permit the record to stand uncorrected; nor do I think I would be guilty of anything less than wilful avoidance of a plain duty were I to fail to make an earnest effort to relieve the very erroneous impression which has doubtless been made upon the minds of your colleagues by the communication in question.

The statement which you make to the effect that the understanding had between yourself and your colleagues with reference to Mexico was that "the business should first be offered" to Mr. Connery conveys a strong suggestion that your colleagues have never been put in possession of the exact circumstances, otherwise they would have known that such an empty assurance was completely out of harmony with the merits of the case and that, furthermore, it conveys an entirely erroneous idea of the obligations we were and still are under to Mr. Connery and his associates.

It is a matter of deep regret to me that at a time when I had power to do so I refrained from taking up per-

Col. Geo. E. Gouraud, July 29th, 1890,

sonally the adjustment of Mr. Connery's claims, but your repeated assurance that you were in entire sympathy with my desire to carry out our agreement in a faithful spirit destroyed my perception of the real course which you were pursuing. Relying entirely upon such assurance and not wishing to interfere in details which I believed were being treated by you in the spirit which you professed, I declined interviews which were sought with me by Mr. Connery and his associates as the following copy of my letter to Messrs. J. M. Ceballos & Co. under date January 15th last will show:-

Jan. 15, 1890.

Messrs. J. M. Ceballos & Co.,

#80 Wall Street, New York City.

Dear Sirs:-

I beg to acknowledge receipt of your letter of the 13th instant, enclosing copy of a communication addressed to Col. Geo. E. Gouraud by Mr. Thomas B. Connery, and stating

that there are certain features of the Mexican business on which you desire to have my personal opinion.

In order to explain the reason why I have not hastened an interview between your Mr. Ceballos, Mr. Connery and myself, I desire to say that I placed the active control of my foreign business in the hands of Col. Gouraud, as my agent, and as he came to America shortly before you made your first request for an interview, I considered it desirable that matters of business detail should be discussed with him, in pursuance of which he was duly advised of your wishes from time to time, to which I believed he was giving attention. There is no lack of desire on my part to assist you in every possible way, but it is desirable in doing this that I should move in concert with Col. Gouraud; that he should be aware of all points under discussion and be given an opportunity to express his opinion upon any matters that require adjustment under the provisions of your contract. I have written Col. Gouraud with respect to these matters, and will communicate with you further when I hear from him.

Yours very truly,

(Sgd.) Thomas A. Edison

Col. Geo. E. Gouraud, July 29th, 1890.

It is true I was aware at one time that you manifested a disposition to neglect this Mexican business and on the same day that I addressed the above to Messrs. Ceballos & Co. I forwarded to you the following communication:-

Jan. 15th, 1890.

Col. Geo. E. Gouraud,

74 Madison Ave., New York City.

Dear Sir:-

Mr. Ceballos has forwarded me a copy of Mr. Connery's letter addressed to yourself, under date 11th instant, in which the latter complains of your lack of interest in the Mexican Phonograph business. I am as much at a loss as Mr. Connery to comprehend your statement to the effect that you do not know at present how the "matter stands." You have had ample facilities to familiarize yourself with the details of this business, and as it is of great importance, not only to Mr. Ceballos and his friends, but to you and myself, in carrying out in good faith agreements into which we entered, that this matter should receive immediate attention, I must ask you to take steps at once to post yourself in a way that will enable you to deal with those gentlemen as they are entitled to be dealt with. I do not care to be forced into the position of being a party to the neglect, of which Mr. Ceballos and Mr. Connery so justly complain.

Yours truly,

(Sgd.- Thomas A. Edison)

It must have been apparent to you from this letter that I believed we were under obligation to Mr. Cornery and it is strange that if you at that time entertained a different view you should have failed to acquaint me with the fact. Had I believed that you intended making no preparation before the consolidation for a settlement of the Mexican matter upon a fair and equitable basis, I should most certainly have refused to complete my part of the transaction until a clear understanding had been reached. My references to the subject must have shown you that I believed Mr. Cornery had rights which you and I were called upon to respect. I placed dependence upon you for the arrangement of details for the reason that the agreement which existed between us delegated to you that class of work, but instead of acting in harmony with my views, or advising me that you believed Mr. Cornery had no rights in the premises, providing me thus with an opportunity to take independent action, you continued as the representative of our joint interests wholly unmindful that you were disqualified as such by the wide difference in our views, the real extent of which was known solely to yourself.

Mr. Cornery undertook to obtain in Mexico certain concessions which were considered necessary in anticipation of competition between the phonograph and the graphone. To quote the contract "to obtain from the Government of "Mexico an exclusive license or concession to supply that "Government for a period and on terms and conditions satisfactory to us with phonographs &c. x x x for use in the

"Government Post Offices throughout the Republic of Mexico."

The contract provides further that this concession is to be transferred eventually to a Company, the capital of which is to be divided one third to Mr. Connery and associates, one third to you and myself, the remaining third to be subscribed for as a working capital. No unit of Capitalization is fixed in the contract, that matter having been left for future decision. Indeed the contract is not specific in a number of important details. It was accepted by Mr. Connery in the full belief that a fair working chance would be given him and that all matters postponed for adjustment would be treated in a spirit of fairness.

Mr. Connery proceeded to Mexico and obtained a concession which though not exclusive in terms owing to the prohibitory laws of Mexico, was through the nature of its environment practically an exclusive grant, the truth of which was confirmed by a subsequent amendment in writing obtained by Mr. Connery at your suggestion.

To compensate for delays Mr. Connery has from time to time had this concession extended with respect to the date when active operations should be commenced in Mexico, the last extension having been secured within the past fortnight. In every way he has conducted his part of the business ably and successfully and with such confidence in our fair dealing that I cannot permit the matter to be retired, by the sophistic reasoning in which you indulge in your letter under discussion.

While it may be a fact as you state "that Mexico being "so near to the home office it is natural that the business

of that Country should be conducted by the Board in America," I cannot understand by what mental process you are able to convince yourself that an effort to assist Mr. Connery in obtaining simple justice would be "unwarranted interference," considering our mutual obligations to him under his contract with us.

If you are sincere in your statement that Mr. Connery and his friends "are entitled to every possible consideration" it ought surely to occur to you that one of the very first considerations to which they are entitled is your co-operation in securing a reasonable arrangement with the Edison United Phonograph Company.

The valuation placed upon Mexico by Mr. Seligman is much too high. By concerted action ~~action~~ we might have succeeded in effecting a reduction. Certainly our chances for doing so were far better before you placed yourself upon record as confirming a proposition which bore upon its face every mark of prohibition. More than this your action in forwarding to each of your colleagues a copy of your letter to Mr. Connery was doubtless intended and has been accepted as an announcement that you have washed your hands of the whole matter.

After having neglected to protect our promises before the amalgamation you ought at least to have stood by me in an endeavor to have them made good subsequently. Your course makes it doubly hard for me to act with effect. Mr. Connery and his friends are prepared for any reasonable proposition.

Col. Geo. E. Gouraud, July 29th, 1890.

They have a connection in Mexico the like of which cannot be obtained through any other medium. They are thoroughly familiar with the country and the people and a full discussion with them would reveal conditions sufficient upon which to make a close estimate of the value of the phonograph business in Mexico. No valuation has yet been made which can be justified upon commercial lines. The position which I maintain is that Mr. Wonnery and his friends are entitled to a reopening of this subject and I shall place the matter before your colleagues with that end in view. I consider it unjust to them and to ourselves to adopt as final the first figures which have been named and if my efforts are of avail the matter will not be dismissed in the very summary manner in which so far, it has been treated.

If there are any instructions which you desire to give to your representative on the Board of the Edison United Phonograph Company it would be well to issue them immediately.

Yours very truly,

Thos A Edison

Aug. 5th, 1890.

Samuel Insull, Esq.,

44 Broad Street, New York City.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 1st instantin regard to communication addressed to Mr. Edison by Mr. E. D. Adams, with relation to the canvas made at Buffalo. As soon as you have decided what shall be done in this matter I shall be glad to hear from you.

Yours very truly,

Private Secretary.

Aug 6/90

Saml Insull Esq
16 Broad St
New York

Dear Sir:

I had a long conversation today with the President of the Orange Natl Bank in regard to the Phonograph Works &c and got at the bottom of the trouble in connection with discount. We certainly have not treated this bank fairly. They gave us more generous accommodation than we have ever received from any other banking institution, taking under discount $30,000 "accommodation" paper when their legal limit is just half that amount.

I have obtained from the

Shows Wds a record of their average balances for four months They run as follows:

April	5716.02	average for full period $2315.92
May	2970.17	
June	791.55	
July	2955.65	

June and July are the months which caused the trouble.

In addition to loaning us money this Bank has been providing from $15,000 to $30,000 per month in currency for us to meet our pay rolls on which they have to take risk of Expressage and which entails no small amount of clerical labor.

They are willing to give

3
12.

us liberal accommodation if he can make our relations a little less one sided.

I placed $10.000 under discount at the Orange National Bank today — and our cash balance there tonight is $32 $\frac{63}{100}$.!

Yours very truly

Aug 6/90

Messrs Drexel Morgan & Co
New York

Dear Sirs: I enclose my check to your order for £2000 which please place to the credit of Miss Marion Edison with Messrs Drexel Harjes of Paris by cable, and request Messrs Drexel Harjes to advise Miss Edison whose present address they have.

Yours very truly

Thos A Edison

Aug. 7th, 1890.

H. A. Hilyard, Esq., Sec'y.

Gold and Silver Reduction Works Co.,

#39 Colborne Street, Toronto, Ont.,

Dear Sir:-

Replying to your letter of the 29th instant, I beg to inform you that Mr. Edison has a process for separating Gold ores and has tested the ores from a great many localities. He investigated the deposits in North Carolina, but found that there was nothing there worth while working.

He will in all probability be obliged to go to the far West as the mines nearer home do not seem to pan out very well.

Yours very truly,

Private Secretary.

Aug. 7th, 1890.

Memorandum to Walter Miller.

Here is a letter from J. & T. McCaul [illegible] in regard to the wedding music. Please give me a full statement of the [illegible] in which you propose [illegible] with the [illegible] and [illegible] of Kumalis so that I can answer this letter [illegible] to-morrow or next day [illegible]

Aug. 7th, 1900.

John Birkinbine, Esq.,

#625 North East City Hall Square,

North Juniper Street,

Philadelphia, Pa.

Dear Sir:-

I beg to acknowledge receipt of your telegram to-day as follows: "Have arranged meeting with President McLeod, one o'clock Tuesday. Is this satisfactory." To which I have replied that I will keep the appointment which you have made for one o'clock Tuesday.

Yours very truly,

Aug. 7th, 1880.

H. M. Livor, Esq.,

General Manager, New Jersey & Pennsylvania Concentrating Works

#19 Dey Street, New York City.

Dear Sir:-

In reply to your letter of the 4th instant in regard to the refinery at Ogden, the change will not go above the $53,000. voted. I believe in putting it in properly at the start.

Yours very truly,

Edwin Gilbertson.

Aug. 7th, 1890.

Major J. B. Eaton,

#120 Broadway, New York City.

Dear Sir:-

Replying to your letter of 29th ult. enclosing letter from Messrs. Ashurst, Morris, Crisp & Co. the solicitors of the Edison and Swan Company in London; I think we had better send all our data to these parties so they can see that we take a different view of the case, from that which they entertain.

Yours very truly,

Thos A Edison

Aug. 7th, 1890.

Mr. C. J. Reed,

Edison Laboratory, Orange, N. J.

Dear Sir:-

Referring to the attached letter and tracings from Mr. W. H. De Camp, Mr. Edison desires you to make a survey of this property.

Yours very truly,

Private Secretary.

Inclosure.

Aug. 7th, 1890.

Charles N. Whitney & Co.,

#96 Broadway, New York City.

Dear Sir:-

Mr. Edison desires me to say in reply to your letter of the 26th ult. that he has a man out now looking for Mica, and before he does anything in other directions he desires to see what result he obtains through the services of this expert. He has already discovered some very fair deposits but has not yet finished his investigations.

Yours very truly,

Private Secretary.

Aug. 8th, 1890.

Samuel Insull, Esq., Treas.

#16 Broad Street, New York City.

Dear Sir:-

I return herewith Mr. Wares letter to you in regard to cylinders which are shipped from the Phonograph Works in a state unfit for use until after they are put upon the Phonograph and shaved once or twice.

I think that a notice should be inserted with each batch of cylinders that are shipped, telling what must be done before the cylinders are used upon the machine as you suggest.

Yours very truly,

Aug. 8th, 1890.

George Parson Lathrop, Esq.,

New London, Conn.

My Dear Lathrop:-

I have left your letter of the 31st ult, unanswered owing to my absence.

Mr. Edison is going away to-day and will be gone for two or three weeks I think; Mr. Kennelly has gone away for a holiday: he will be absent for a fortnight.

I have spoken to Mr. Edison about this matter and while he has not time to talk much at present, he says he will certainly take it up when he comes back again. Kennelly will be home then and I will let you know when the proper time comes. Then if you will come down here I shall be very happy to have you stay with me as long as you are able at my house, and we will try and do some work and get a portion of the data in shape.

Yours very truly,

Aug 11th 1890

Thos. Butler Esq.
Llewellyn Park.
Orange, N. J.

Dear Sir,

As per your request over the telephone this afternoon I beg to enclose you herewith a check drawn by Mr Edison on Messrs Drexel Morgan and Co to the order of the Edison Phonograph Works for $10000.00

Please acknowledge receipt and oblige

Yours truly

John F. Randolph

Aug. 13th, 1890.

Daniel Weld, Esq.,

Sec'y, Edison Phonograph Toy Manufacturing Co.,
#95 Milk Street, Boston, Mass.,

Dear Sir:-

I beg to acknowledge receipt of your letter under date 7th instant, enclosing copies of communications which you have received from abroad in regard to the Company which Mr. Yoemans attempted to float, and enclosing also a copy of a communication which you proposed addressing to Messrs. Collette & Collette, Mr. Yoemans representatives in London. I take pleasure in ascerting my approval of this letter and beg to say that I have no suggestions to make.

Yours very truly,

Aug. 13th, 1890/

Samuel Insull, Esq.,

#16 Broad Street, New York City.

Dear Sir:-

I am in receipt of a letter from the Edison Phonograph Toy Manufacturing Co., Boston, Mass., under date 11th instant, in regard to waiver of royalties, in which they say, "we understood Mr. Insull to say that he would personally take this matter in hand both as to Mr. Edison and the North American Company;" we will take it as a favor if you will mention the matter to him and make sure if our understanding is correct.

Yours very truly,

Private Secretary.

Aug. 13th, 1890.

A. B. Dick, Esq.,

President, "A.B.Dick Co.,"

152 & 154 Lake Street, Chicago, Ill.

Dear Sir:-

The Mimeograph referred to in your letter of the 7th instant, came to hand this morning. It is a very handsome machine and I tender you and Mr. J. S. Gilliland my thanks for having forwarded the same to me for the Laboratory exhibit.

Yours very truly,

Aug. 13th, 1890.

Samuel Insull, Esq.,

#16 Broad Street, New York City.

Dear Sir:-

Replying to your letter of the 11th instant in regard to a payment into the Treasury of the Nickle-in-the-slot Company of $7500.00 of which you say I am liable for one half, I beg to say that this is the first intimation that I have had that any such arrangement existed. I should like to have an explanation of the matter.

Yours very truly,

Aug. 13th 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street, New York City.

Dear Sir:-

Replying to your letter of the 11th instant in regard to repairs on returned Phonographs, either I am to make improvements on the Phonograph or else I will stop; if I am to go ahead making these improvements, every machine which is returned should be provided with them. My understanding is that these machines belong to the North American Phonograph Co. and it is to their interest that they should be kept in good condition.

I do not understand that the North American Phonograph Company is willing to allow alterations to be made to their property by local parties.

It is certainly for the best interest of every one concerned that all these little things which contribute so much to the utility of the Phonograph should be applied to machines as they come in, so that the improvements may be gotten into the hands of the users of Phonographs as quickly as possible.

Samuel Insull, Esq., Continued, Aug. 12th, 1890,

The success of the Phonograph business depends upon our meeting the requirements of those who use our machines, and any impediment placed in my way in my effort to perfect the instrument in all its details will be the result of the poorest kind of judgment.

Yours very truly,

Aug. 13th, 1890.

James T. Magonis, Esq.,

North Adams, Mass.

Dear Sir:-

I return herewith copy of patent, enclosed with your letter under date 8th instant.

Mr. Edison says that at present no demand exists for duplicates in connection with Phonographic records. The owners of the Phonograph having all they can do to pioneer the instrument as now made.

After the present machine is thoroughly introduced, duplicates may be required, but nothing could be done with such a device at present.

Yours very truly,

Private Secretary.

Inclosure.

Aug. 13th, 1890.

S. F. B. Morse, Esq.,

176 Scharmerhorn Street,

Brooklyn, N. Y.

Dear Sir:-

I beg to acknowledge receipt of your letter of the 12th instant and note that you have accepted a position owing to which you are unable to discuss further at the present time the question of coming with the Edison-Lalande people.

In regard to the Fire alarm circuit of which you speak if the resistance of the circuit is known, life of the Edison-Lalande cells can be calculated to within an hour.

Owing to improvements which we have made in the cells, if one of our Batteries were to stand on open circuit a year, the loss from local action would be less than one ounce per pound of zinc.

Yours very truly,

Aug 14th/90

Friend Seligman:

The Phonograph Works note broker cannot take all the paper he has been in the habit of discounting. We require to place $20,000 more. Mr Insull who attends to these matters is in Chicago. Please discount the enclosed notes and oblige

Yours Very truly

Thos A Edison

Jesse Seligman Esq
New York

Aug 14/90

Messrs Drexel Morgan & Co
New York

Dear Sirs: My Phonograph Works have some notes to meet and Mr Mantle who has charge of the finances is away. I believe he arranged with you a credit for me of $20,000. but I find I require $17,000 more. Will you kindly increase my credit to that extent and oblige Yours very truly

Thos A Edison

Jane Newman

Report from a friend of Mr. Wangemann, from Amsterdam.
July 31st, 1890.

I had not been in Holland long when Machines arrived and I commenced to set them up. I think that in all about Twelve Motor Machines and about Fourteen Treadle were received. The Treadle Machines are still in Holland except Two which are in Brussels, but the Motor Machines were all sold in a short except Two which are still here. And now Mr. WANGEMANN I come to the part that I think will interest you most. I think that I shall be giving you a fair Idea of how things are when I tell you that about Eleven Machines are now Travelling around Germany are at the present moment being Shown by persons who do not even know what a Screw Driver is. Of-course the Buyers came to the office to see the Machines and then at once took them away, and now I ask you Mr. WANGEMANN is this good for the Name of the Machine?

I have since then met many people who had attended your Seances and of-course were loud in their Praise of the Phonograph, and on the other hand I have met many people quiet lately and have heard all sorts of things concerning the Machines in the hands of these persons, how they for instance attend Concerts and get no results how the Seances are at I Mark per. person and when the People have Paid their Money they hear nothing, or only the hum of the Motor. and noises which are supposed to be the Records. In fact I could write pages of the things that I have heard concerning the Machines from all Countries. One of the Latest Bits is that one of the Fellows who had Two Machines left several Towns without Paying and so the Police took the Machines and have kept them ever since.

Now Mr. WANGEMANN I am sure that this was never meant to be as instead of the Machine getting a good name for itself it is getting something different and I think that it is a Shame that because a Showman has enough Money he should be able to buy a Phonograph and take it round a Country to Show for as you know yourself it wants more than a few Days acquaintance to Show the Machine properly. And now Mr. WANGEMANN I come to another thing how is it that Amsterdam (Holland) is the only place where a Machine can be Bought in all Europe? It seems strange to me, but as I am not enough in the Know I can only guess.

There is no patent law in Holland
Edison (Copies)

(10)

Aug 22nd/96

The Edison Talking Phonograph
Miller Building
Chicago Ill.

Dear Sirs:

I write to confirm the
verbal assurance which I gave
to Mr. Morinaly when he was
here, that the other parts of
the slot devices I shall furnish Nickel-
in the slot devices to your
Company without royalty or
orders received by you from
bona-fide purchasers of
Nickel in the slot phonograph.
Providing that the purchaser

transactions
in themselves would be just to
the shareholders and public
generally and providing further that
the whole profits of such
transactions over and above
the price for a parabola
go to your Company.

I make this offer with the
view of promoting a good
business in the manufacture
and sale of a parabola.

I would be willing to
take in lieu any such arrangement

[illegible]

[illegible]

[illegible] if the [illegible]
[illegible] be [illegible] inclined to
see [illegible] with you
[illegible] the purpose of [illegible]
the same and flooding the stock
[illegible]. I would be [illegible]
that in any business of this
[illegible] I would be inclined
to promote a stock speculation

Yours very truly

[illegible]

Aug. 19th, 1890.

Mr. H. Johnston, Esq.,

C/o. Interior Conduit and Insulation Co.,

#16 & 18 Broad Street, New York City.

Dear Sir:-

Replying to your letter of the 15th instant, asking to have sent you one new Musical Phonograph, I beg to inform you that this instrument is not yet ready to be supplied to customers. Some time ago we stopped making Musical records at the Laboratory and our supply has been completely exhausted. We expect to make a fresh supply during the course of a week or so and I will see that some are sent you.

Yours very truly,

Private Secretary.

Aug. 19th, 1890.

H. M. Livor, Esq.,

General Manager,

New Jersey and Pennsylvania Concentrating Works,

#19 Dey Street, New York City.

Dear Sir:-

Replying to your letter of the 18th instant, I will attend to the feed; all I want is ample delivery timber near the face of the machine where the ore goes on.

Yours very truly,

Aug. 19, 1890

E. W. Livor, Esq.,

No. 19 Dey Street,

New York City,

Dear Sir:-

Mr. Edison has read your letter of 13th instant, and says all right as to small boiler. He will order the resistance boxes for the magnets.

Yours very truly,

Private Secretary.

Aug. 19, 1890

H. M. Livor, Esq.,

No. 10 Dey Street, New York City.

Dear Sir:-

I beg to confirm the following message telephoned you 16th instant, in reply to your letter of 14th instant addressed to Mr. Edison:-

"Mr. Edison says in reply to your letter of 14th, better not change machine details but arrange countershaft so feed stops when power is disconnected."

Yours truly,

Private Secretary.

Aug. 19, 1890.

H. M. Livor, Esq.,

No. 19 Dey Street,

New York City.

Dear Sir:-

Go ahead and order the four additional Rolls and Screens to take care of the increased output of No. 2 (Ogden) mill.

Yours very truly,

President

N. J. & Pa. Concentrating Works.

Aug. 19th, 1899.

Edison Ore Milling Co., Limited.

#16 & 18 Broad Street, New York City.

Dear Sir:-

I beg to call your attention to my bills for ~~expert~~-ments rendered you under the following dates; March 6th, $42,131.27 April 10th, $$791.96; May 21st, $141.96; the last bills having been sent to Mr. Samuel Insull; and the other two having been forwarded addressed to yourselves.

I would like to have an immediate settlement made of this outstanding account which amounts to $43,065.19 under the provisions of the contract which exists between me and yourselves. I beg to request you to give the matter attention at once.

Yours very truly,

Thos A Edison

Kindly advise me when I may expect a settlement

T.A.E.

Aug. 19th, 1890.

Thomas Butler, Esq., Sec'y.

New Jersey and Pennsylvania Concentrating Works,

#16 & 18 Broad Street, New York City.

Dear Sir:-

Replying to your letter of the 12th instant., to Mr. John F. Randolph, I beg to say, that the 12 Belt Iron Ore separators are required for the Ogden mill.

Mr. Edison sent an informal order to the Edison Phonograph Works for these and they are now in process of construction. Will you please issue an order on the Works for their completion.

Yours very truly,

Private Secretary.

Aug. 19th, 1890.

Samuel Insull, Esq.,

#10 Dey Street, New York City.

Dear Sir:-

In reply to your letter of the 18th instant, enclosing a copy of a communication from Mr. Lehmair, I beg to inform you that I gave Messrs. Hertz Bros. an order for a lot of work in my house which included fixtures. They submitted to me a number of designs of S. Bergmann's present firm, but I instructed them to obtain designs from Messrs. Bergman & Co., which accounts for the matter having been brought to Mr. Lehmair's attention.

I cannot change the order now.

Yours very truly,

Aug. 19, 1890

Mr. P. F. Gildea,

Scrub Oak, near Konvil, N. J.

Dear Sir:-

I am in receipt of your letter of 16th instant and have noted contents of same. You had better order more drill rod, as I want a 300 ft. hole.

With reference to the tract of Magnetic Ore which can be leased or purchased, please give me the address of the party controlling same.

Yours truly,

Thos. A. Edison

Aug. 19, 1890.

Samuel Insull, Esq.,

Nos. 16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following telephone messages sent you from this office to-day, and your reply to same:

"Upton asks us this morning to render a bill against the Lamp Works for $1,000 royalty which he paid. I thought you were arranging this matter differently. Please reply. A. O. Tate."

"I find Upton did not explain properly what he wanted. He asks for a bill, not for royalty, but for current experimental expense to cover the $1,000 payment. A. O. T."

REPLY.

"You must not render the Lamp Works any bill for royalties
Sam'l. Insull."

Yours very truly,

Private Secretary.

Aug. 19, 1890.

Jesse H. Lippincott, Esq., Pres't.,
North American Phonograph Company,
160 Broadway, New York City.

My dear Sir:-

I sent you to-day a letter from Mr. Upton in regard to the phonographs which he is using in his office in Newark. In your letter of July 24th you sent me copies of some matter which had been issued by your Company in regard to operating the phonograph. This is very incomplete, and in addition to that, the style in which it is gotten up is very poor. I enclose herewith a book of instructions that is issued by the Remington Type-writer people. You ought to provide something of the same nature for the phonograph.

Yours very truly,

Aug 19/90

E. H. Douglas Esq
Cashier Nat'l Bank
Newport R. I.

Dear Sir: I enclose herewith my check on Drexel Morgan & Co for $9500. to your order for purchase of Smith property at Silver Lake.

Yours very truly

W. H. Vanderbilt

Aug. 19, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Mr. Edison desires to present a phonograph to Prof. Helmholtz. Please have prepared one of the latest type battery machines, with a supply of 50 blanks. I will have a battery sent from Silver Lake to accompany this shipment when it is ready. Also have a name plate engraved like this:

"TO HELMHOLTZ FROM EDISON."

Yours very truly,

Private Secretary.

P. S. Please advise me when the machine is ready for shipment.

August 20, 1890

Alex. Elliott, Jr., Esq.,

P a t e r s o n , N. J.

Dear Sir:-

I beg to confirm the following telegram sent you to-day by Mr. Edison, in reply to your telephone message of even date:

"Don't take the Brown lease for anything less than twenty years. Edison."

Yours truly,

Private Secretary.

Aug. 20, 96

W. C. Mallory, Esq.,

No. 7 West Randolph St.,

Chicago, Ills.

Dear Sir:-

I beg to confirm the following telegram sent you by Mr. Edison 15th instant in reply to your letter of 13th instant:-

"My impression is that we should not take in any outsiders but secure such property as we want and have our man Brennan design a new mill costing say seventy-five thousand dollars and provide money ourselves. I will try and come out soon. If you take in outsiders I am sure you will regret it in time. T. A. Edison."

Yours truly,

Private Secretary.

Aug. 20, 1890

Mr. W. S. Mallory,

71 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning at Rumbolt, Michigan, by Mr. Edison, in reply to yours of 19th instant:

"Perhaps I can get some one here to go in. Write me what Akron friends will offer to a new party.
Edison."

Yours very truly,

Private Secretary.

Aug. 20, 1890.

Francis R. Upton, Esq.,

Edison Lamp Company,

Harrison, N. J.

Dear Sir:-

I beg to confirm the following message telephoned you from this office this morning:

"Mr. Edison has written you two letters and says he doesn't understand why he gets no reply. He wants to see you."

Yours truly,

Private Secretary.

Aug. 20, 1890.

Samuel Insull, Esq.,

#16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you this morning:

"August 19th, 1890. Will meet you at 11 to-morrow (Wednesday) morning at Mr. Lippincott's office. A. O. Tate."

Yours truly,

Private Secretary.

Aug. 21, 1890

James Clancy, Esq.,

New York Herald,

New York City.

Dear Sir:-

I enclose herewith a sketch of Mr. Edison's life. Our Mr. Dickson informs me that you have sufficient descriptive matter pertaining to Mr. Edison's inventions derived from your conversation with Mr. Edison and the explanations given you by Mr. Dickson yesterday.

I do not think that either Mr. Dickson or Mr. Edison has touched upon the Electric Light. The Edison General Electric Company is the largest organization which has resulted from Mr. Edison's labors. It employs a capital of upwards of fourteen millions of dollars, and numbers over six thousand men in its employ throughout the United States and Canada. These are leading points upon which you can enlarge if you think it desirable to do so.

Yours truly,

Private Secretary.

Aug. 21st 1900.

Louis Glass, Esq.,

Pacific Phonograph Company,

San Francisco, Cal.

My dear Glass:-

Replying to your letter of the 20th ult. I beg to say, that I do not care to have anything to do directly with foreign nickle slot business. My experience has been that money is usually lost in foreign ventures and therefore my enthusiasm leaves me when someone in those countries are mentioned. I appreciate very highly your action in consulting me upon this matter and regret that it is not something in which I can join you.

Yours very truly,

[illegible]

Aug. 21, 90

Thomas Butler, Esq.,

Sec'y. N. J. & Pa. Concentrating Works,

16 & 18 Broad St., New York.

Dear Sir:-

I have your letter of 20th instant in regard to the order for 12 Bolt Iron Ore Separators. If you will have Mr. Livor send an order to the Edison Phonograph Works covering the machines mentioned above, I will upon its receipt have cancelled and returned to you the order issued to the Laboratory.

Yours truly,

Private Secretary.

Aug. 21, 1890

Samel Insull, Esq.,
16 & 18 Broad St.,
New York.

Dear Sir:-

I beg to confirm the following telephone messages received to-day from your office and sent from the Laboratory:

"Mr. Tolcott, Engineer of the North Am. Co., who was to have seen Mr. Edison yesterday, is going out on the 11 : 10 train with an introduction from Mr. Henderson. Please see that he gets at Mr. Edison. SAMUEL INSULL."

REPLY. "Mr. Tolcott has seen Mr. Edison. TATE."

"Replying to your inquiry whether we have any models of Sprague trucks at Schenectady, would say we have none.
INSULL."

Yours truly,

Private Secretary.

Aug. 21, 1890.

W. A. Stern, Esq.,

Room 62, Bullitt Building,

Philadelphia, Pa.

Dear Mr. Stern,-

I have your letter of 13th instant in regard to a couple of patents in the art of lighting railway trains by electricity in which we are mutually interested. I note what you say about disposing of those to the Edison General Company, but they have already refused to purchase them. Have you a customer for the patents? I would be perfectly willing to dispose of my interest in them.

Yours very truly,

Aug. 21, 1890

E. P. Matthews, Esq.,

#23½ South Fourth St.,

Philadelphia, Pa.

Dear Sir:-

Replying to your letter of 12th instant addressed to Mr. Edison, in which you request some information concerning Electric Pen, would say that it is feasible to use an incandescent light current to operate the same. You could have your motor wound for a 110 volt circuit, but this might make it too heavy to hold in the hand. It might be better to introduce resistance in the form of lamps or wire.

Yours truly,

Private Secretary.

Aug. 21, 1890

M a u r y , Esq.,
New York Herald,
New York City.

Dear Sir:-

Mr. Edison has asked me to forward to you the enclosed memorandum which he promised to send to you when you were at the Laboratory yesterday.

Yours truly,

Private Secretary.

Aug. 21, 1890

As the violent storms and movements in the sun produce disturbances of the earth's magnetism which are recorded on the Magnetometer at Kew, England, it occurred to me that the strength of the disturbance on our planet could be increased enormously by utilizing a vein of magnetic iron ore, and running around the body of ore several miles of wire, forming an inductive circuit, in which powerful electric currents would be thrown into the circuit by any disturbance of the earth's magnetism. By the use of recording instruments every change could be recorded and by the use of the telephone all sounds produced on the sun would be heard on our planet through the telephone.

At Ogden, New Jersey, there is a body of ore one mile long standing nearly perpendicular and extending down into the bowels of the earth to great but unknown depth, containing several hundred million tons of magnetic material. Telegraph poles are being erected on each side of the ore body and parallel with it; an insulated wire is coiled so to speak several times around the area where the magnetic lines leave the ore body and extend into space: the two ends will be taken into the Observation Station.

Aug. 22, 90.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

The following is copy of a telegram dated 21st inst., received this morning from Wm. M. Regan, Manager of the Industrial Exposition, Minneapolis, Minn.:

"Mr. Wangemann finds no rubber shell with phonograph. Please forward fifteen immediately. Wire answer.
Wm. M. Regan."

We have not sent any reply to the above.

Yours truly,

Edison Laboratory

By

Aug. 23. 90.

Samuel Insull, Esq.,

14 & 16 Broad St., New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from this office to-day:

"We will require fourteen hundred dollars to-morrow. Will you provide it? A. O. Tates."

Yours truly,

Private Secretary.

Aug. 22, 90.

Philip G. Dyer, Esq.,

A n t w e r p , Belgium.

My dear Dyer,-

Mr. Edison has had some correspondence with Sir John Pender in regard to the lighting of certain districts in London by the Metropolitan Electrical Supply Co., in which Sir John is interested. We received from London data, maps etc., which, however, were not satisfactory to Mr. Edison, who suggested that we send over to London an Expert, who could get assistants there, to canvass the whole district and collect the necessary data in the regular way and lay out a general scheme of lighting the district in a proper and permanent manner. To this proposition Mr. Edison has received no reply, and he would like you to call upon Sir John Pender at your earliest convenience and talk the matter over with him. It would take five men about six weeks to make a thorough and complete canvass of the district to be lighted. You can tell Sir John that our latest Plans permit us to light several square miles from one Stations

Mr. Edison had intended to discuss this subject with you when you were over here last, but he overlooked it.

Please advise Mr. Edison promptly of the result of your interview with Sir John Pender.

Yours very truly,

Private Secretary.

Aug. 22, 1890

Messrs. Dyer & Seely,

[illegible] Wall Street, New York.

Dear Sirs:-

I beg to acknowledge the receipt of your letter of 19th instant, notifying me that you have secured the allowance of Mr. Edison's application No. 855, on interchangeable lamp base. Mr. Edison desires to have the final fee paid on this at once so that the patent may be issued without delay.

Yours truly,

Private Secretary.

Aug. 22, 90.

Mr. J. La Motte Morgan,

P. O. Box 736, Birmingham,

Ala.

Dear Sir:-

Your letter of 12th instant addressed to the Edison Reduction Works Co. has been received by Mr. Edison. In reply would say that we have no Reduction Works as yet at Charlotte. There is not sufficient ore in sight there to warrant the erection of a mill. We do not sell the Ore Milling process, but work it ourselves.

Yours truly,

Private Secretary.

Aug. 22, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Referring to the letter and order for three Nickel-in-Slot phonographs from the Edison United Phonograph Co., sent you 20th instant, please suspend action on this order for the present. Arrangements are being made with the United Co. in regard to the Nickel-in-Slot business, and until they are completed it will be well to hold the order referred to.

Yours truly,

Secretary.

August 22,1890

Edison Phonograph Toy Mfg. Co.,

No. 95 Milk Street,

Boston, Mass.

Dear Sirs:-

I beg to acknowledge receipt of your letter of yesterday's date, outlining a proposition of Mr. C. P. F. Joyce in regard to the sale of dolls in France, through the "Bon Marche," the "Louvre" and the "Printemps."

If we were in a position to commence the manufacture of dolls in quantities, there would, of course, be no trouble in turning out the numbers named in your communication, but you must without doubt be aware that the tools for making the new movement have not yet been ordered and cannot be until a settlement has been had between yourselves and the Edison Phonograph Works of the questions now pending regarding payment for tools abandoned, material scrapped and other matters, as pointed out to you in my report on manufacture. It will take at least two months to make the tools for the new model, and another month to work up to a steady product; or, in other words, the Phonograph Works could commence delivering movements to you in three months after placing their orders for

special tools, providing no extraordinary delay should occur in obtaining the latter. We are most anxious to have those matters adjusted for the good of all concerned. Having placed the whole situation before you in the report referred to above, we are awaiting whatever action you deem it desirable to take.

I understand that the fifty sample movements are to be ready on the 6th prox. Work upon them is necessarily slow for want of proper appliances.

Yours very truly,

Thos. C. Edison

Pres't E P Wks

Aug. 25, 1890

Samuel Insull, Esq.,

Nos. 15 & 19 Broad Street,

New York City.

Dear Sir:-

Mr. H. E. Auchincloss, one of the stockholders of the Edison Phonograph Works, has asked me for information in regard to the state of affairs in that Company. What he wants is a copy of our Balance Sheet, which shows the losses. I have not felt at liberty to give him this without your approval.

Yours truly,

Secretary.

Aug. 25, 1890

Mr. Philip S. Dyer,

A n t w e r p , Belgium.

Dear Sir:-

I enclose herewith statement showing the amount of minimum royalty ($1,000) due Messrs Lalande and Chaperon, as provided for in contract between Messrs. Edison, Lalande and Chaperon dated 24th day of August, 1889, at two thousand dollars per year payable half yearly in advance.

Please be kind enough to pay this Royalty to Messrs. Lalande and Chaperon, and draw on Mr. Edison for the amount of same either direct or through the Edison Lamp Company.

Yours truly,

Private Secretary.

August 25, 1890.

Samuel Insull, Esq.,

#16 & 18 Broad Street,

New York.

Dear Sir:-

The Edison United Phonograph Company sent us an order some days ago for three Nickel-in-Slot machines, one to be delivered in the Mills Building, and the other two to be subject to the order of Mr. Moriarty, who I believe desires to take them across the water. One of these machines has been sent to the Mills Building, but I have instructed the factory to hold the other two, for the reason that I believe the type of Nickel-in-Slot machines which is being made by the Phonograph Works now is not the same as we will supply the Edison United Phono. Co. with should we commence filling orders on their account. If you have any instructions to give the works in this connection, will you kindly write them direct.

Yours truly,

Secretary.

Aug 26th/90

T. E. Biggar Esq
c/o Agent Bell Tel Co
Belleville Ont

Dear Sir: Replying to your letter 23rd inst
I beg to say that Mr. Edison's personal
exhibit has been sent to the
Minneapolis Exposition.
I understand that the Manager
of the Toronto Fair is arranging to
secure the Phonographic doll
through Mr. W. H. Eaton, 32 Wellington St
East, Toronto, the agent in this
city of the Edison Phonograph
Co. [illegible]
[illegible]

Aug. 23, 1890.

Samuel Uncoll, Esq.,

#16 & 18 Broad St., New York.

Dear Sir:-

I beg to confirm the following message telephoned you from this office to-day:-

"Can we get three or four hundred dollars to-day? Our Bank $200 overdrawn. A. O. Tate."

REPLY: "Take $400 from German National. T. Butler."

Yours truly,

Private Secretary.

Aug. 26, 1890.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

I enclose herewith order for 12 Bolt Iron Ore Separators from the New Jersey & Pa. Concentrating Works. Please acknowledge its receipt to Mr. Livor.

Yours truly,

Secretary.

W. S. Mallory,

August 25, 1890.

Corry, Pa.

Mr. Edison at Schenectady. where he is expected to remain for the next two weeks.

A. O. Tate.

Edison Phonograph Works, Aug. 26, 90
Orange, N. J.

Dear Sirs:-

I enclose herewith copy of letter received by me from Mr. Livor, in regard to order for 12 Belt Separating Machines.

Yours truly,

A. O. Tate

Private Secretary.

M.

The order referred to by Mr. Livor is sent to you under separate cover.

Copy.

New York August 23, 1890.

A. O. Tate, Esq., Private Secretary,
Edison Laboratory,
Orange, N. J.

Dear Sir:-

I enclose herewith an order to the Phonograph Works for 12 Belt Separating Machines. Will you kindly see that they answer the questions as to delivery etc. promptly, and very much oblige

Yours truly,

(Signed) H. M. Livor,
Gen'l. Manager.

Aug. 27, 1890.

Samuel Insull, Esq.,

16 & 18 Broad St.,

New York City.

Dear Sir:-

With reference to the meeting of the Association of Edison Illuminating Companies to be held in Minneapolis next month, Do you know what Mr. Edison's intentions are in regard to this? I have a letter from Mr. Jenks, asking if Mr. Edison intends to be present, in which case it would be desirable to arrange for accommodation in the Special Car which it is intended to secure. I assume that if Mr. Edison goes to Minneapolis you will accompany him, and you will doubtless arrange for the necessary accommodations.

Yours very truly,

Private Secretary.

August 27,90

Dear Mr. Edison,-

I enclose herewith copies of some letters which have been received here since your departure.

Yours very truly,

Thomas A. Edison, Esq.

C o p y.

Dover, N. J. Aug. 22, 1890.

Thomas A. Edison

Dear Sir:

I would like to meet you at your earliest convenience if you will name time and place to talk over the Ogden property matter. I expect to be in New York on Wednesday next. If you should be in the City on that day and could you spare time. I have an engagement at the C. P. Road Co's office at eleven o'clock that day

Yours

(Signed) GEORGE RICHARDS.

C O P Y.

Kenvil, N. J. Aug. 22, 1890.

Thomas A. Edison, Esq., President,

Dear Sir:-

The tract of land containing magnetic iron ore that I spoke of in my last letter to you in located in the vicinity of Lebanon, N. J. on the C. R. R. of New Jersey, near White House. The parties to address concerning it is C. S. Hoffman, Coal Agent, Somerville, N. J. The tract has been worked formerly by the Thomases of Catasauqua, Pa.

There is also another tract within three miles of the same place, and is owned by S. K. Large, White House, N. J. on the same R. R. He wishes to either sell or lease. It seems the tract has been formerly worked when iron was in brisk demand, but lately the tracts have not been worked. If I understand the locality right it is in the same line or strata of the famous Turkey Hill mine, but 10 miles further East. The Turkey Hill was worked for a long time by Pardee & Co. or the Lehigh Iron Co.

Yours

(Signed) P. F. GILDEA.

P. S. Mr. Hoffman offered to fetch samples of ore. I told him not to bother about it as the samples would not amount to a pinch of snuff, as any person could pick up samples anywhere and would not be worth an average.

C o p y.

Salisbury, N. C. August 22, 1890

Mr. Thomas A. Edison,

My dear Sir,-

I can control the "Hott Mine" situated in South Carolina at $30,000 for a short turn. This they tell me is second only to "The Hoodle" and "The Brewer." Wouldn't you like to investigate it?

Very truly and carefully,

(Signed) F. B. Arendell.

Copy.

Akron, Ohio, Aug. 23, 1890.

Dear Brother,-

I have been receiving from Walter several letters and telegrams lately, which indicate that you are not very favorably inclined towards the schemes which we are planning for handling the E. I. C. business. Now, I write you to assure you that I am not weakening at all on this business. It has been something like a year and a half since we started in on the same, and as we feel that we have now got the ball in good working order, and the business is in as good a shape as it can be for showing results, I want now to see the business pushed and a large plant put up which will be capable of turning out large products, and will bring us out large profits.

But, now, the question arises, how shall we arrange for putting up this large plant. Personally I am not in quite good shape to advance much money, and therefore I am naturally inclined to take the position that we had best organize a large stock Company, and get in outside capital sufficient to put up a new plant, and pay us probably a fair bonus for the work we have already done in developing the business thus far. Now, I am not at all weakening over the business, but want to see it pushed with all the vim possible, but as stated above I think the business is now in such shape that it is ripe for the organization of a large Company, who will take the business and make a success of it for us all. The Mallorys and ourselves have already have duties upon our hands that require our full attention, and therefore it will be necessary to interest some one, any way. Who will assume the responsibilities of handling or becoming General Superintendent of the business. Now, I hope you understand my position, and you will not consider that I am a bear and am trying to discourage the business.

Wishing to be kindly remembered to Mina, Mother and the family, I am,

Yours truly,

(Signed) IRA M. MILLER, Secretary.

Copy.

Paterson, N. J. August 23, 1890.

Mr. Thomas A. Edison,

Dear Sir:-

I closed another of the Kincaid leases yesterday, and have partially agreed with Kimble at Hamburgh on his group of leases. To-day I have been making final arrangements for closing the "Wisner" Centennial lease, and have agreed upon all the points excepting the three months release clause; that seems to be the only hitch and I positively refused to accept the leases unless that clause was granted me, and he has taken the matter in consideration and will write me to-morrow whether or not he will grant me that clause. I think however that he will agree to it.

The tax matter interfered somewhat with my work this week, but I see no reason why I should not close the "Wisner" and the New Jersey Iron Mining Co., leases on Scrub Oaks during the coming week. Also one more of the Kincaid leases. I called upon the Brown heirs at Stockholm yesterday and saw all but one, which one seems to be considerable of an "obstructionist," but I think I can bring him around during the coming week. I have just written him. I have an appointment on Monday next with Stevens and the others South of Starlope and cannot therefore meet you on that day but [illegible] report to you later. If all these leases are to be sent to [illegible] much delay will be caused. Please [illegible] this [illegible] important to close them when the

terms are agreed upon and without giving them too much time for reflection.

I have agreed upon an option with Mr. Kimble for a group of leases (15 in all) for a total of $4,000, $1,000 for one group of 4, $1,000 for another group of 4, and $2,000 for a group of 7 or any of the three groups we may select. He has agreed to sign an option in which we are to have six months for me to examine the leases which are on record, also examine any or all of the properties. It being optional with us whether we take any or all of them but whatever we take will be at the above figures. This option will be signed before the examination is made either of title or mineral. To-day I tried to get the N. J. Iron Mining Co. to reduce purchase price from $35,000 to $15,000 or $20,000. They refused to make any reduction. I therefore have concluded to prepare the leases embracing the purchase clause, so that it will be strictly optional with us whether we take advantage of it or not in the next three years. I have seen the owners of Hoff mine. He says Mr. Richards has nothing to do with it. I have offered the owner 25 cents per ton for vein and 5 cents for wall matter $500 minimum after first year. He will write me Monday whether he will accept my terms or not. He would rather lease on concentrated product, but I think he will accept my terms on vein and wall matter.

Very truly yours,

(Signed) Alex. Elliott, Jr.

C o p y.

New York August 22nd, 1890.

Thomas A. Edison, Esq.,

Dear Sir:-

I send under another cover notices of the meeting of the Association at Minneapolis. We have been assured that, if possible you would accompany the party, and it is certain that this announcement will exercise a great influence toward making this one of our best Conventions.

It is difficult to express the importance which attached to the presence of Mr. Kennelly at the Niagara Falls meeting last year. His paper on the "Heating of Electric Conductors" was perhaps the most thoroughly practical feature of the discussions, and was rendered vastly more forcible by his personal magnetism and the force of his direct address. If not inconsistent with your other plans it would certainly be of great value to have him go to Minneapolis this year and present something to the Convention from the fund of information from which he always draws so clearly and happily. If this is impossible, I hope it may not be out of the question for him to write a paper, and I think if you will instruct him to do so we shall profit very much by it.

If you will direct him to reply in accordance with your wishes and plans, it will assist me very much in making up the programme of the session.

Yours very truly,

(Signed) W. J. J e n k s,

Secretary.

Aug. 28, 1890

William Holzer, Esq.,

Menlo Park, N. J.

My dear Sir:-

I [illegible] with reference to the sample of wire that you left at the Laboratory last week, that Mr. Edison has been suddenly called away to Schenectady. Of course nothing can be done in regard to testing the wire during his absence. Immediately upon his return I will submit the sample to him and communicate with you further.

Yours very truly,

Private Secretary.

August 27, 1890.

Everett Frazar, Esq.,

No. 134 Water Street,

New York City.

Dear Sir:-

Mr. Edison has asked me to thank you for your letter of 14th instant, enclosing letter from Li Ching Mai, son of Li Hung Chang, the Viceroy of Chihli, in which he acknowledges receipt of Phonograph presented to his father through the medium of your firm by Mr. Edison. The latter is very glad to learn that the Viceroy is so much pleased with the phonograph, and hopes that it will be a continual source of pleasure to him. Mr. Edison notes Li Ching Mai's suggestion that he take a vacation and visit China, and is much obliged to him for his proffered welcome. He regrets, however, that it is impracticable for him to undertake such a trip at present, his experimental work being so important as to command his presence at the Laboratory.

Yours very truly,

Private Secretary.

Aug. 27, 1890

D. C. Roberts, Esq.,

c/o L. W. Force, Esq.,

[illegible] Washington St., Chicago, Ill.

Dear Sir:-

I have your letter of 20th instant. At the present time my experimental work keeps me so busily occupied it is impossible for me to give any attention to your matter. I am engaged on a line of experiments for the Edison General Electric Company, which experiments have to be carried through very quickly, and they are so important that they require all my undivided attention. When you receive this letter I will be in Schenectady, N. Y., prosecuting some work there in connection with the above. Regretting that it is impracticable for me to comply with your wishes

I am yours truly,

Aug. 27, 1890.

Dear Mister Hermann,-

Your letter of 7th instant addressed to Mr. Edison was duly received.

In making musical records on the phonograph, in order to attain the best results, it is very necessary that the phonograph itself should be in the best possible order. I am sending you herewith a copy of our Inspector's Handbook, in which you will find stated a number of the derangements liable to occur in the instrument, together with a number of the probable causes and their remedies. When making records be sure that your phonograph is well oiled, and that the speed of the shaft holding the cylinder is 150 revolutions per minute. I also enclose herewith a couple of rough diagrams, on one of which are indicated the relative positions of funnel and piano when making piano records, and the other shows the dimensions of the funnels which we use here. You can judge of the results obtained from these latter by the musical records which Mr. Edison sent to you with the phonograph. Our funnels are made of heavy tin.

Yours very truly,

Private Sec'y.

Aug. 27, 1890.

Herrn Geheimrath von Helmholtz,

Charlottenburg, Near Berlin,

Germany.

My dear Sir:-

Mr. Edison delayed the acknowledgement of your very interesting letter in regard to the Phonograph under date January 2nd last, (but which you did not forward until March 18th), for the reason that he has been awaiting the completion of a new machine in which is embodied all the latest improvements. He expects to have this instrument ready in the course of a week or two, and immediately it is completed, he will forward the same to Charlottenburg for your acceptance. You will be notified in due course of the name of the steamer carrying the instrument.

Yours very truly,

Private Secretary.

Aug 28th 1890

Saml. Insull Esq.
16 Broad Street
New York

Dear Sir:-

I beg to advise you that the following checks were given you by Mr Edison:-

July 7-1890 $ 3000.00
" 16-1890 3207.74

And there was also a check drawn to the order of Mr Jesse H. Lippincott for $3500.00 Aug 14-1890.

If you will kindly let me know what the above checks were used for you will greatly oblige

Yours truly
John F. Randolph

Aug. 27, 1890.

Samuel Insull, Esq.,

#15 & 17 Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from this office to-day:-

"What about money for the Laboratory to-morrow? Want fifteen hundred dollars."

Yours truly,

Private Secretary.

Aug. 27, 1890.

Dear Mr. Edison,-

I enclose herewith copy of a letter received this morning from Eaton & Lewis in regard to the Gillilland-Tomlinson suit; also copy of letter received from Mr. Lever.

Yours truly,

Thomas A. Edison, Esq.

C O P Y.

New York, Aug. 27, 1880.

Thomas A. Edison, Esq.,

Dear Sir:-

Edison vs. Gilliland & Tomlinson.

The defendants' time to file their answer in this suit will expire on September 4th. They have asked an additional thirty days. Shall we give it to them?

Yours truly,

(Signed) EATON & LEWIS.

P. S. We ought to have an answer by next Tuesday, Sept. 2.

C O P Y.

New York August 27, 1890.

Mr. Thomas A. Edison. President.

Dear Sir:-

I have a letter from your Mr. Thomas which would indicate that he thinks we are going to put on the Feed on the Bolt Machines. Of course as you know, it is understood that you are to do this yourself. I wish you would so inform Mr. Thomas so there will be no misunderstanding about it.

Yours truly,

(Signed. H. M. L I V O R.

Gen'l. Manager.

Aug. 27, 1890

Jesse H. Lippincott, Esq.,

North American Phonograph Company,

#160 Broadway, New York.

Dear Sir:-

In regard to auditing the Laboratory accounts, will you kindly let me know when we may expect your Auditor? Mr. Edison is very anxious to have this matter settled immediately.

Yours very truly,

Private Secretary.

Aug. 28, 1890

Samuel Insull, Esq.,

#16 & 18 Broad St., New York.

Dear Sir:-

All Mr. Edison's experiments on Electric Railway work were billed against Messrs. Edison and Villard. Should these be transferred to the account of the Edison Gen'l. Company, or should I hold them in the present account until the Laboratory contract is executed?

Yours truly,

Private Secretary.

Aug. 27, 1890

My dear Mr. Edison,-

Both the young men in the Chemical Room--Blan and Dorr--have intimated their desire to leave. One wants to go away on Monday next, and the other a week from Monday. If you desire it, however, they will postpone their departure until you return to the Laboratory. Will I ask them to wait until you get back, or will I let them go?

Yours truly,

Thomas A. Edison, Esq.

Aug. 30, 1880.

My dear Mr. Edison,-

[illegible]

received to-day. How do you wish us to reply to letter from the Chairman of the American Recording Commission, Iron & Steel Institute?

Yours truly,

Thomas A. Edison, Esq.

AMERICAN RECEPTION COMMITTEE IRON & STEEL INSTITUTE.

COPY

New York August [illegible], 1894.

Mr. Thomas A. Edison,

Dear Sir:

[illegible]

Institute hold their meeting in [illegible] October [illegible] Friday afternoon, Oct. 5th, [illegible] As we can not very well handle [illegible] party at any one place in a half day, it is decided to give them a number of places to select from, and to have a committee appointed to go with them to whichever place they choose.

If it will be agreeable to you, I shall be obliged to put your place down on the list giving them an opportunity to visit it. Will you kindly let me hear from you by return mail.

Very respectfully yours,

(Signed) J. E. LEWIS,

Chairman.

C O P Y.

EDISON ELECTRIC ILLUMINATING CO.

New York August 27, 1898.

R. R. Bowker, Esq.,

First Vice-President.

Dear Sir:-

Having occasion to shut down the [illegible] at 40th st. this morning, in order to repair some leaks in the steam pipe, we examined the chimney and cannot find any [illegible] of injury being done to the brick work by the recent storm. At no place inside of chimney or flue could be found any [illegible]. While I am confident that no injury to the chimney [illegible] by the storm, I will watch the matter closely for [illegible].

Very [illegible]

(Signed) GEORGE [illegible], Jr.

C o p y.

Kenvil, N. J. August 29th, 1890.

Mr. Thomas A. Edison,

Dear Sir:

To-day I ship you to the Lab'y. at Orange, by express, Core Box containing 40 ft. of core, and also in separate 10ft. packages the borings of 30 ft from 130 ft. to 160 ft., which the hole now is, 160 ft. It has been very hard for the last 40 ft. which you will see by the core. Scarcely able to bore 4 ft. per day. I have four men laborers besides the drill gang; two of them making place for drill hole No. 3 and the other 2 working on the cut across the ~~hill~~ hill. The stripping is very deep; in my next I will give you the correct measurement, and also the measurement from the surface to rock at No. 2 hole. If these core boxes could be made say two feet longer it would save expressage, as the one box would hold core and borings.

(Signed) P. F. Gildea.

C O P Y.

New York, August 23, 1890.

Thomas A. Edison, Esq.,
Orange, N. J.

My dear Mr. Edison,-

With respect to your case No. [illegible], in which you recollect we described the specific instance of the [illegible] aluminium chloride, the patent office, among other objections, makes the following one:

"This claim is further rejected as inoperative since aluminium chloride is a non-conductor of electricity (See Chemiker Zeitung 1887 page 334) - And, further, in the apparatus shown, the chlorine liberated would combine with the aluminium set free at the cathode and reform aluminium chloride (See British Patent 7,359, June [illegible], 1885)"

How does this objection strike you?

Yours very truly,

(Signed) Richard N. Dyer.

Aug. 30, 90

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

The cabinet for the "Nickel-in-Slot" machine which was sent to the Phonograph Works as a model is not sufficiently large to accommodate a battery of six or nine hundred ampere hour cells. The New York Phonograph Company is having an immense amount of trouble with the storage batteries which they are now using, and there is no doubt about it that ultimately they will be compelled absolutely to use our cells. We sent to Mr. Haines one of our batteries for test. He had it running the phonograph for a while, but for the last five days the test has been discontinued, because Mr. Haines says he has no phonograph to run; and nothwithstanding the fact that he is holding forty "Nickel-in-Slot" machines for the reason that he cannot supply them with battery, he allows this test to be neglected.

We are to a certain extent handicapped on the first lot of "Nickel-in-Slot" machines that were turned out, because we cannot supply them with the largest type of battery.

We are making a new cell which will run the phonograph

about a thousand hours, and which will be just the thing to use in connection with these "Nickel-in-Slot" machines. The jars in this battery will be about 17 inches high and not more than 12 inches wide. The Nickel-Slot cabinets could very well be made large enough to accommodate four of these cells. I had a talk with Mr. Edison about this matter, and he promised that the cabinets for our foreign business would be made sufficiently large to take these cells. I should very much like to see the cabinets which will be used in our domestic business enlarged a little so as to adapt them to our battery.

I am gradually forcing all the Phonograph Companies into the use of our cells. There is not the least doubt in the world that the Edison-Lalande cells are essential to the success of the phonograph itself where current is to be taken from a battery, and it is only a question of familiarizing the companies with the merits of our battery when they themselves will recognize its vast superiority over all others.

If the "Nickel-in-Slot" cabinets are not made to take these large cells, it not only means handicapping our business, but handicapping the "Nickel-in-Slot" business. In "Nickel-Slot" work our largest size cells would have a life of from four to eight months, which would mean a big reduction in operating expenses.

Yours very truly,

Aug. 30, 90

My dear Mr. Edison,-

I enclose herewith communication received to-day from Mr. Pinkson, in regard to Ogden.

I have received some communications from Mr. Burn, in regard to ore properties which he has examined, and am holding same until you return. He has sent me express receipt for four boxes of samples weighing 570 lbs. which he has forwarded, but they have not yet come to hand.

Blan and Dorr, of the Chemical Room, both leave permanently. Blan I understand goes to Heidelberg, and Dorr to some one of the American Colleges.

Yours very truly,

Thomas A. Edison, Esq.,
Schenectady, N. Y.

August 30,90

Messrs. Eaton & Lewis.

No. 120 Broadway.

New York.

Dear Sirs:-

Mr. Edison says in reply to your letter of 27th inst. in regard to Gilliland-Tomlinson suit, to grant them the extension asked for.

Yours truly.

Private Secretary.

Sept. 1, 1890.

R. R. Bowker, Esq., 1st Vice-President,

Edison Electric Illuminating Co. of New York,

New York City.

Dear Sir:-

Mr. Edison has received copy of letter addressed to yourself by Mr. Thomas Reese, Jr., dated August 27, 1890, in regard to the examination which was made recently of the chimney at 39th St. Station, and is pleased to learn that there are no indications of injury being done to the brickwork by the exhaust steam. He says the next time there is an examination made to try the mortar with a knife and see if it is hard.

Yours very truly,

Private Sec'y.

Sept. 4, 1900.

W. A. Brown, Esq.,

Drexel Building,

Philadelphia, Pa.

Dear Sir:-

Replying to your letter of 22nd ultimo, Mr. Edison says that you had better sell the patents mentioned in the art of lighting railway trains by electricity to any purchaser whom you may be able to secure.

Yours truly,

Private Secretary.

Sept. 1, 1880

Richard N. Dyer, Esq.,

Messrs. Dyer & Seely,

New York City.

My dear Sir:-

Mr. Edison has made the following note upon your letter of 29th ultimo in regard to the treatment of aluminium chloride:-

"Fused aluminium chloride is a conductor. The metal sinks to bottom and is thus protected. Edison."

Yours truly,

Private Secretary.

April 1, 1890

George Parsons Lathrop, Esq.,

New London, Conn.

Dear Sir:-

I beg to confirm the following telegram sent you to-day, in reply to yours of even date:

"Think Mr. Edison will be here Wednesday,

and will be glad to see you."

Yours truly,

Private Secretary.

Sept. 1, 90.

Lewis Miller, Esq.,

A k r o n , Ohio.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 28th ultimo enclosing specimens of mica found in Colorado City, Colorado.

We pay sixty cents for straight mica, varying from two inches square to six inches square; don't care if it is colored. We buy fifty thousand dollars worth of mica per year.

Yours truly,

Sept. 2, 1890.

J. F. Lewis, Esq., Chairman,

American Reception Committee Iron & Steel Institute,

#23 Park Place, New York City.

Dear Sir:-

Your letter of 28th ultimo in regard to meeting of the British Iron and Steel Institute in New York commencing October 1st next, has been received by Mr. Edison, and he has asked me to inform you that he will be very pleased to have such of the members visit his Laboratory as may desire to, on the date mentioned in your letter, Friday, October 3rd. Mr. Edison is desirous of entertaining to lunch such of the members of the British Iron and Steel Institute as may avail themselves of this invitation, and I would therefore request that you give us timely notice as to about how many persons will visit the Laboratory on the occasion in question, so that we may make the necessary arrangements for their accommodation.

Yours truly,

Private Secretary.

Sept. 2, 1890

The Edison Ore Milling Co., Limited,

16 & 18 Broad Street,

New York City.

Dear Sirs:-

I would again call your attention to the bills standing against your Company, amounting to $13,065.10, for experimental work performed by me for your account. I wrote you on this subject 19th August last, but have received no response to my letter. I am very anxious to have this matter closed up and would ask you to be kind enough to inform me as to what your intentions are regarding it.

Yours very truly,

Thos A Ed...

Sept. 2, 1890.

Mr. John Birkinbine,

#25 N. E. City Hall Square,

Philadelphia, Pa.

Dear Sir:-

What progress are you making in regard to the Putnam County ore property? Will be glad to hear if there are any new developments.

Yours very truly,

Sept. 2, 1890.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Electric Company,

H a r r i s o n , N. J.

Dear Sir:-

I beg to advise you that our Mr. Kinsey will leave for Minneapolis to-morrow (Wednesday) morning, and will probably be able to report at the Exposition on Friday of this week. Mr. Kinsey's departure was delayed on account of the apparatus not being ready for shipment until to-day. The instruments are now all packed and will go forward to Minneapolis this evening by express.

Yours very truly,

Private Secretary.

Sept. 2, 1890

George Richards, Esq.,

D o v e r , N. J.

Dear Sir:-

I beg to confirm the following telegram sent you today by Mr. Edison, in reply to your letter of 30th ultimo:-

"Will be at Laboratory, Orange, until Thursday night. T. A. Edison."

Yours truly,

Private Secretary.

Sept. 2, 90

William Holzer, Esq.,

Menlo Park,

N. J.

My dear Sir:-

Mr. Edison has returned from Schenectady, and will be here at the Laboratory until Thursday of this week. If you come over to Orange you can see him in regard to the wire.

Yours very truly,

Private Secretary.

Sept. 2, 1890.

Wm. K. L. Dickson, Esq.,

Nolan's Point Villa,

Lake Hopatcong, N. J.

Dear Sir:-

Mr. Edison has read your several reports and to-day made the following note for transmission to yourself:

"It seems to me you should always carry 29 amperes on all machines and never let it get lower. EDISON."

Yours truly,

Private Secretary.

Sept. 3, 1890

George Richards, Esq.,

D o v e r , N. J.

Dear Sir:-

I have considered the offer you have made of $100,000 for the whole property, or $75,000 for the property minus the Pardee Shoot, and I have concluded not to accept. My parties know nothing of shoots and do not want any liens or unknown future complications which might seriously affect a future sale of the property. I am willing to pay $75,000 for the whole thing and at that rate for a majority of the stock, and I am willing to be bound to purchase the whole at the same price so the minority may be protected.

Yours truly,

Thos A Edison

Sept. 2, 1882.

H. M. Livor, Esq.,

No. 19 Dey Street,

New York City.

Dear Sir:-

Please contract for 80 Telegraph Poles, 34 feet high, four feet of which go in the ground, leaving 30 ft. above ground; the poles to be six inches at the top; to be delivered either up alongside the road on the Davenport or on the Ogden back up the old Pump House on the hill. I am going to erect a circuit to make some magnetic experiments. These poles are to be charged to me personally.

Yours very truly,

Thos A Edison

Sept. 4, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to acknowledge, with thanks, receipt of your favor of 2nd instant, enclosing two pay warrants of the Edison General Electric Company, for $3790.23 and $4402.68. These we will credit to the Edison Machine Works in accordance with your instructions.

Yours very truly,

Private Secretary.

Sept. 4, 1894.

Mr. Theo. A. Wangemann, Esq.,

c/o Wm. M. Regan, Esq., Gen'l. Manager,

Industrial Exposition, Minneapolis, Minn.

My dear Sir:-

Can you give me the name of Prof. Helmholtz's assistant in Berlin? You will remember that the Professor has an assistant who is familiar with the operation of the phonograph. I want to communicate with him, and will be obliged if you can furnish me with his name.

Yours very truly,

Private Secretary.

Sept. 3, 1880.

Dr. Graeme M. Hammond,

#58 West 45th Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 1st instant and has asked me to say in reply that he cannot conceive how it would be possible for one of our circuits to be crossed by an arc light wire. The Edison wires are encased in heavy iron tubes, buried in the earth, away from every other wire. In order to effect a contact with them it would be necessary to dig up the earth, cut through a quarter-inch iron pipe, and scrape off half an inch of heavy insulation. A wire could not do this itself.

If you have incandescent lamps furnished by any of the Companies which run their wires overhead, a cross is liable to occur at any time, the result of which might be a catastrophe such as you mention.

Yours very truly,

Private Secretary.

Sept. 9, 1899.

Mr. H. M. Livor,

#19 Dey Street,

New York City.

Dear Sir:-

I have your letter of 4th instant in regard to the engine at Ogden. Mr. Henderson is too busy to visit the mine. If the engine needs bracing, Why don't you brace it? There is a Professional Indicator man somewhere on Liberty Street, New York, who perhaps you could get to examine the engine. He is located I think in the office of the AMERICAN MECHANIC.

Yours very truly,

[illegible]

I think [illegible]

Sept. 4, 1890.

Samuel Insull, Esq.,
16 & 18 Broad Street,
New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 3rd instant, enclosing copy of letter received by you from Daniel Wold, Sec'y. of the Edison Phonograph Toy Mfg. Co., under date 29th of August. I will take up the waiver of royalty matter at once.

Yours truly,

Private Secretary.

Sept. 6, 1899.

Mr. Samuel G. Burn,

Kingston, Ont., Canada.

Dear Sir:-

The following is an extract from a letter received by me from Mr. Ferrier:-

"Would you suggest to Mr. Edison that Mr. Burn, or whoever he is sending to investigate the iron ores of Baie St. Paul and the Eastern Townships, should come first to Ottawa, which would really be very little out of his way, as it is only three hours run from Montreal, where he would have to go in any case . . . . . I find on looking into the subject that many important facts are given in detail in reports which are now out of print and it would take more time than I could give to it to copy the information in full. If Mr. Burn came here he could note down likely localities, see actual specimens of the ore and obtain necessary maps and information as to best way of reaching the different points. Am sorry that I was unavoidably detained from Ottawa when he was on his way back from the gold fields and I unfortunately lost his address."

Mr. Ferrier's address is Geological & Natural History Survey, Museum and Office, Sussex St., Ottawa.

Yours truly,

Private Secretary.

Sept. 6, 1906.

Mr. M. Oliver, Esq.,

#19 Dey Street,

New York City.

Dear Sir:-

I think you had better order a couple of new belts from the Boston parties for the Ogden mill. They make good belts. If you will send me the exact length and width of the belt you now have, I can order new ones through the Phonograph Works.

Yours very truly,

Sept. 6, 1890.

Jesse H. Lippincott, Esq.,

North American Phonograph Company,

New York City.

Dear Sir:-

When Mr. Insull and myself called upon you some time ago, in regard to waiving the royalties due by the Edison Phonograph Toy Mfg. Co., you stated that you would like to have your lawyer pass upon the matter before deciding in regard to it. The Boston Company have written us on this subject, and they are very anxious to receive the necessary papers. Mr. Edison is willing to waive his royalties, and if the North American Company is willing to forego theirs, the documents could be executed without further delay and forwarded to the Toy Company. Please let me hear from you on this subject at your earliest convenience, and oblige

Yours truly,

Private Secretary.

Sept. 6, 904

My dear Pardee,

We are in need of a Bookkeeper in the office of the Edison Manufacturing Company, Silver Lake, N. J., and if you desire to take the position, you can have it. The compensation shall be sufficient to keep you, and your future advancement will depend entirely upon yourself. If you accept the position I would like you to come on at once. Please advise me of your decision immediately. If you come on, report to me at the Laboratory.

Yours truly,

A. O. Mc

Private Secretary.

Come right to Orange and I'll take care of you until you get permanently [illegible]

John B. Pardee, Esq.,

Toronto, Canada.

Sept. 8, 90,

F. M. Larchar, Esq.,

#96 B r o a d w a y ,

New York City.

Dear Sir:-

With reference to your letter of July 26th, would say that Mr. Edison has experts out at the present time hunting for mica, and he expects to find it. It is his intention to investigate the matter thoroughly. If Mr. Edison should fail to discover what he wants he might then be desirous of treating with you in regard to the mica property mentioned in your letter under reply. He prefers however to await the result of his present investigations.

Yours very truly,

Private Secretary.

Sept. 8, 90

Henry B. Auchincloss, Esq.,

Lake Placid, N. Y.

My dear Sir:-

Replying to your letter of 2nd instant, would say that I understood you were to return home last week. I have the Phonograph Works Reports and will be very glad to show them to you when you get back to Orange. At the annual meeting the only action taken was to elect a Board of Directors. The personnel of the Board is as follows: T. A. Edison, R. L. Cutting, S. Insull, W. Morton Grinnell and Arthur Butler Twombly, the two last named being the representatives of the Graphophone interest.

Yours very truly,

Secretary.

Sept. 8, 1890.

Augustus P. Smith, Esq.,

#261 B r o a d w a y ,

New York City.

Dear Sir:-

Replying to your letter of 5th instant, in regard to Generator for deriving electricity direct from heat, patent for which was issued recently to Mr. Edison, would say that nothing has been done in this connection beyond establishing the principle. Mr. Edison has only made one experimental machine. He is still engaged on the problem and intends working it out.

Yours very truly,

Private Secretary.

C. J. Hammer has been identified with the Edison Electric Light interest for the past eleven years. He had entire charge of my exhibit at the Paris Exposition, which was very successful. He has carried out successfully some of the largest electric lighting installations in this country and in Europe. He is competent, reliable, and industrious. I heartily commend him to anyone who may require the services of an electrical expert.

[illegible]

[illegible]

September 9, 90

The Royal Academy of Sciences,

Dr. G. Lindhagen, Esq., Perpetual Secretary,

S t o c k h o l m , Sweden.

Dear Sir:-

I beg to acknowledge with many thanks the receipt of your esteemed favor under date July 1st, notifying me of my election to Foreign Membership in The Royal Academy of Sciences of Stockholm, and enclosing Diploma to that effect.

I am very grateful to your Society for their kindness in electing me to Membership and appreciate highly the honor conferred upon me thereby. This testimony of their interest in my work gives me much pleasure and shall be remembered with gratitude.

Yours very respectfully,

Thomas A Edison.

Sept. 3, 1890.

Leopold Sonnemann, Esq., President,

The Committee of the International Electrical
Exhibition of 1891, Frankfurt-on-the-Main,

Germany.

D e a r S i r :-

Your esteemed favor informing me of my election as an Honorary Member of the Committee of the International Electrical Exhibition to be held in your City in the year 1891, was duly received but permitted to remain unanswered owing to my absence from home.

It gives me much pleasure to accept this election, which I appreciate very highly, and I would ask you to kindly convey to your associates my sincere thanks for their courteous action in unanimously electing me to Honorary Membership on their Committee.

With best wishes for the success of the Exhibition

I beg to remain,

Yours very respectfully,

[illegible]

Sept. 9, 1890.

Francis Watts, Esq.,

Government Analyst,

Antigua, W. I.

Dear Sir:-

I beg to acknowledge the receipt of your esteemed favor under date 26th ultimo, addressed to Mr. Edison, enclosing an article from the "ANTIGUA OBSERVER" relative to the treatment of fibre leaves by soaking in a solution of crude petroleum.

In reply Mr. Edison desires me to inform you that the successful application of the process has been confined thus far to the pulpy Agave family of plants, in connection with which it works absolutely perfect. Mr. Edison has doubts as to the successful application of the process to pineapple leaflets.

Yours very truly,

Private Secretary.

Sept. 9, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

104 & 106 Broad St., New York City.

Dear Sir:-

Mr. Edison is much obliged for your letter of 8th inst., advising him of meeting held 4th inst., of the Heads of Departments of the Edison General Electric Company, at which was discussed the question as to what voltage should be adopted as a standard for our alternating system. He notes the decision of the meeting to the effect that fifty volts at the lamps should be adopted as the standard, and the reason assigned therefor.

Yours very truly,

Private Secretary.

Sep't. 3, 1890.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Mr. Edison has received a letter from your Treasurer, Mr. Samuel Insull, in which he states that the North American Phonograph Company complains of your sending out linen belts on the phonographs, which they claim are no good. In regard to this, Mr. Edison would like you to have Mr. Ballou test these belts and report to him the result of same.

Yours truly,

Private Secretary.

Sept. 9, 1890.

Dear Miss Spalding,-

Your letter of 5th instant to Mr. Edison has been duly received.

Mr. Edison has made an entirely new doll. It is different in every respect from the old one and vastly superior. At the present time we are arranging with the Boston Company for its manufacture, and just as soon as the details are all settled the business will be pushed vigorously. Under these circumstances I think that you would be very foolish to sell your stock now. I would advise you to hold it at least until such time as you can dispose of it at a fair price. We have by no means lost faith in the business. On the contrary, we have great confidence in it and believe firmly in its ultimate success. The delays which have occurred were unfortunate, but unavoidable. The outlook is now very promising.

Yours very truly,

Private Secretary

Miss J. T. Spalding,
Black Rock House, Nantasket,
Mass.

Sept. 10, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Kindly send to Mr. Wangemann as soon as possible a barrel or a large package of cylinders, to be used by him in taking the proceedings of the Edison Convention. Address them to A. Theo. E. Wangemann, Minneapolis Exposition, Edison Exhibit, Minneapolis, Minn. They should be sent by express and the bill should be a memorandum bill to this branch of the business, which will be adjusted when it is fully decided as to the taking of the minutes.

Yours truly,

Secretary.

Sept. 10, 96.

Chas. W. Kohlsaat, Esq.,

345 William Street, New York City.

Dear Sir:-

Mr. Edison is much obliged for your letter of 9th instant, enclosing memorandum of the locations of the several mica properties which you desire him to have examined.

Mr. Edison's expert, Mr. Samuel G. Burn, when we last heard from him was in Kingston, Ontario, Canada, which point he was to leave on the 8th instant, but was to return again shortly. Your memorandum has been forwarded to Mr. Burn at Kingston, where he will get it upon his return, and will perhaps communicate with you direct.

Yours very truly,

Private Secretary.

Sept. 16, 90.

Mr. Samuel G. Burg,

K i n g s t o n, Ont.,

Canada.

Dear Sir:-

Your letter of 8th instant was duly received by Mr. Edison and perused by him.

I enclose herewith copy of a letter under date Sept. 9th received by Mr. Edison from Chas. W. Kohlsaat, in regard to mica properties in Canada, memorandum of location of same attached. Mr. Edison would like you to examine these properties. I have advised Mr. Kohlsaat of your presence in Kingston, and he will perhaps try to establish communication with you there. If you do not hear from him perhaps you should communicate with him direct.

Yours truly,

Private Secretary.

Copy.

[illegible] William St., New York Sept. 3, 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

Your courteous reply to mine of the 2nd instant, in re Mica properties, came duly to hand.

I with pleasure avail himself of the opportunity to discuss the examination of the property by your expert.

Enclosed I hand you the location of the several properties taking the City of Ottawa, Canada, as a starting point. If you will kindly let me know when your expert will be in Ottawa I will arrange to have my man meet him there and take him over these properties. This will save considerable time.

Yours truly,

(Signed) CHAS. W. KOHLSAAT.

Situation of Mica Properties.

Lot 10 Ist Concession Twp Hull Ottawa Co. Prov. Quebec Can.
Distant from the city of Ottawa about twelve miles;
Lots 17, 18, 19, 20, 24, 25, 26, 27 and 28 Second Range Twp
Daywood. County of Pontiac. Prov. Quebec about Thirty-five
miles North of Ottawa.
Lot 3 Third Range Twp. Derry Co. Ottawa About twenty-five
miles from Ottawa. Via C.P.R. & River DeLiver
Lot 26 Fifth Range Twp. Portland About thirty miles from
Ottawa, Via C.P.R. and River DeLiver

Sept. 10, 1890

Edison Phonograph Co.

O r a n g e , N. J.

Dear Sir:-

I beg to confirm the following message telegraphed you to-day:

"Referring to order sent you from this office to-day, for cylinders to be sent to Mr. Wangemann at Minneapolis, for use in connection with the Edison Convention, inasmuch as the Convention opens on the 16th of this month, you should lose no time in sending the cylinders forward."

Yours truly,

Secretary.

Sept. 11, 1890.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I beg to acknowledge receipt of your letter of 9th instant, informing me that on that date you debited my account with demand loan of Sept. 8th, $75,000, and one day's interest at six per cent, and enclosing cancelled note, having credited my account with $65,000 received of Mr. Insull; also stating that you delivered to Mr. Insull on my order $100,000 United N. J. R. R. & Canal Co. 4% Bonds, and 50,000 N. Y. L. & W. R. R. Co. 1st Mtg. 6% Bonds.

Yours truly,

Sept. 11, 1890

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 9th instant in regard to turning in his Holding of bonds of the Electric Club ($500 worth) and thereby becoming a life member. In reply Mr. Edison desires me to inform you that he has no objection to doing this. You may therefore surrender the bonds.

Yours truly,

Private Secretary.

Letterbook, LB-044

This letterbook covers the period September-October 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are numerous letters pertaining to the business of the Edison Phonograph Works, the Edison Phonograph Toy Manufacturing Co., the Edison United Phonograph Co., and the Automatic Phonograph Exhibition Co. There are also documents relating to mining and ore milling, the design of an alternating current multipolar dynamo, a new motor for use on electric railways, and the presentation of phonographs to European heads of state. Beginning on page 247 is a four-page memorandum regarding the status of approximately one hundred Edison patents. The front cover is labeled "1890 General Letter Book Indexed Sept 10, 1890-Oct 20, 1890." The book contains 500 numbered pages and an index. Approximately 25 percent of the book has been filmed.

Sept. 10, 00.

Wilson S. Howell, Esq.,

Industrial Exposition, Edison Exhibit,

Minneapolis, Minn.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Kenney has machine set up waiting for blanks and batteries. Wilson S. Howell."

"Blanks expressed Monday, batteries last night.
A. O. Tate."

Yours truly,

Private Secretary.

Sept. 11,1890.

John Kruesi, Esq., Gen'l. Manager,

Schenectady Works, Edison Gen'l. Electric Co.,

S c h e n e c t a d y , N. Y.

Dear Sir:-

I beg to confirm the following telephone message received from you this morning, and my reply to same:

From Mr. Kruesi to Mr. Edison: "The motor will be complete to-morrow forenoon. Shall we try it first, then if everything is all right telephone you? Or do you wish me to wait until you come up? Please let me know when you will come up."

R e p l y. "Test motor in shop and get all the information you can for future use as to saturation curves. Don't try the belt until we come up. Will you have the Sprague car all ready to run. Edison."

Yours truly,

Edward H. Johnson

Sept. 11, 1890

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

We beg to confirm the following message telephoned you this morning from the Laboratory:

"Mr. Tate has received the following telegram from Daniel Weld, Secy. Edison Phonograph Toy Mfg. Co., Boston: "Directors meeting Friday two o'clock. Yes-sams here and he means sharp business. Inform Insull." Mr. Tate will leave for Boston to-night."

Mr. Insull to Mr. Tate: "You will find me in my office all day to-morrow."

Yours truly,

Edison Laboratory.

Sept. 11, 1890.

[illegible] S. [illegible] Esq.,

[illegible] Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 6th instant, and [illegible] that if you desire to [illegible] [illegible] Incandescent Account as to the Laboratory, he will be glad to [illegible] it.

With reference to your desire, as expressed in your letter, to be present at the proposed test, I regret to inform you that the regulations imposed upon us by the Companies for which Mr. Edison experiments, prohibit us from permitting anyone not connected with the Laboratory to witness the tests that are made here.

Yours truly,

Private Secretary.

Sept. 11, 1920.

Samuel Insull, Esq.,

[illegible] Edison Lamp,

[illegible] Ohio,

Dear Sir:

[illegible] on the [illegible]

[illegible]:

"A question is being made with relation to closing up the Laboratory account against the General Company? The contract between Mr. Edison and the General Company was dated July 1st, and all accounts should be got in shape prior to that date.

It is also important that we should have the accounts for July and August. The same remark refers to the accounts with relation to Electric Railroad experiments, as I expect to close up both the Laboratory contract and the Railroad contract immediately I return from Minneapolis, which will be next Monday or Tuesday week."

REPLY. "[illegible] Laboratory accounts against the Gen'l. Company are [illegible] with relation to the Electric Railroad experiments, these are having attention and will be completed prior to your return from Minneapolis. As Ex Tates."

Yours [illegible],

[illegible]

[TRANSCRIPTION FOLLOWS]

Sept. 22. 90.

To whom it may concern.

The bearer Mr Samuel A. B. Gregg has been
one of my laboratory assistants for over
a year. He has been very faithful and
I wish him every success with his studies
in Germany

Thomas A. Edison

[TRANSCRIPTION]

Sept 12 90.

To whom it may concern,

The bearer Mr. Samuel A. Blan has been one of my laboratory assistants for over a year. He has been very faithful, and I wish him every success with his studies in Germany

Thomas A. Edison

Sept. 13, 90.

Mr. L. C. McChesney,

Orange Chronicle,

Orange, N. J.

Dear Sir:

Replying to your letter of 13th instant addressed to Mr. Edison, I beg to inform you that the practice of permitting visitors to inspect the Laboratory has been discontinued. Our work in the past has been seriously interfered with owing to the number of people who visited the Laboratory daily, and in order to make any progress whatever Mr. Edison was compelled to exclude all visitors. Besides, the various Companies for which Mr. Edison experiments object very strongly to our permitting strangers to go through the buildings.

Yours very truly,

A. O. Tate

Private Secretary.

Jno. Mallinson Co.

Dear Sir

I appreciate very much the confidence you have kindly extended to Mr Nelson and myself in your letter of 28th August dated at Spatana, which reached us in due course.

Mr Nelson is very well and the boy is getting along splendidly.

Yours truly

Jno. A. Nelson

Sept. 13,90

E. H. Lewis, Esq.,
Messrs Eaton & Lewis,
#120 Broadway, New York.

Dear Sir:-

I enclose herewith a letter addressed to Mr. Edison by the Edison Phonograph Toy Mfg. Co., under date July 22nd, 1890, together with copy of a telegram which was sent on the 25th of July and confirmed on same date by mail in response to the first.

In view of the present situation Mr. Edison considers it prudent to withdraw any assent which he may have given to the transfer of his and the rights of the Edison Phonograph Works, in pursuance of which I have written two letters, one of which is signed by Mr. Edison personally and the other in his capacity as President of the Edison Phonograph Works. I would like to know if these communications are adequate.

Mr. Edison is impressed with the idea that the telegram that we sent to Boston on the 25th July should have contained some time limit with respect to receipt of shares and cash in Boston, and he inclines to the belief that the Company could on the strength of this telegram hold us for an indefinite period. I take the ~~ground~~ that so far as any contract is involved this telegram is fragmentary; that it must be interpreted in the light of all its surroundings, and more particularly as a response to a communication

which justified absolutely our belief that a reasonable period only would elapse before the money and shares were forthcoming. If the two letters to the Boston Company are in proper form, please return them to me and I will have them forwarded. Also please let me have your views on the questions which I have mentioned.

Yours very truly,

Private Secretary.

Sept. 15, 90.

Eugene H. Lewis, Esq.,

Messrs. Eaton & Lewis,

New York City.

Dear Sir:-

I send you herewith the Minute Book of the Edison Phonograph Works, which is complete with the exception of the minutes of the annual meeting of the stockholders. The By-Laws prescribe that this meeting shall be held on the first Monday in May of each and every year, but this year we desired to pass the Annual meeting, as at that time we were taking stock in the factory and wished to get a report on the general condition of our work before calling the stockholders together. I consulted with Major Eaton, and he said that this could be done if when the deferred meeting was called an announcement of the same were made in two papers published in this County. These conditions were complied with, copies of printed announcement attached hereto. The deferred meeting was called for Tuesday 29th July, 1890, at four o'clock p. m.; there being no quorum present this meeting was adjourned to Wednesday 13th day of August, ~~and xxx xxxxxxxx~~ last. You will remember that I had a conversation with you in regard to this meeting of the 13th of August, and you suggested how the

minutes should be written up. I hold proxies to vote the stock of Robt. L. Cutting, T. A. Edison, and the Mercantile Trust Co., thereby representing 3921½ 560 shares out of a total of 6,000. I enclose herewith the proxies in my favor, together with a list of the stockholders of the Edison Phonograph Works.

Rather than write these minutes myself, I have thought it better to give you the facts and let you prepare them. The only business transacted was the presentation of a statement of the financial condition of the Company, which on motion was ordered filed. The stockholders elected the following Directors:

Thomas A. Edison, Samuel Insull, R. L. Cutting,
W. Morton Grinnell, and Arthur Butler Twombly,

after which the meeting adjourned. There should be called now a meeting of these Directors for the election of Officers. The old Officers of course hold over until this meeting takes place. In view of the steps you are going to take, should it be called at once, or can we defer it and let the present Officers still hold over?

Yours very truly,

Sept. 15, 1888.

Francis B. Lesley, Esqr.
Messrs. Edison & Lesley,
New York City.

Dear Sir:

I enclose herewith a letter under date September 10th, 1888, received by Mr. Edison from the President of the Edison Illuminating Company of Mount Carmel, Pennsylvania, in regard to increasing the Capital Stock of that Company from Sixteen Thousand Dollars to Fifty Thousand, attached to which is waiver [illegible] Mr. Edison is asked to sign, being [illegible] Before executing this document Mr. Edison would like to know from you as to whether his signing the waiver of notice would carry with it any obligation on his part to [illegible] the proposed increase in the Capital Stock. An early answer will much oblige

Yours very truly,

Private Secretary.

Sept. 16, 1890

My dear Mr. Edison,-

I enclose herewith copies of letters received from the Thomson Electric Welding Company, Cyrus W. Field, and Sir Ambrose Shea; also report received this morning from Mr. Dickson.

Yours truly,

Thomas A. Edison, Esq.,

Schenectady, N. Y.

C O P Y.

QUEBEC, Sept. 11, 1899.

My dear Sir:

Sir Chas. Tupper sent me some time ago a letter from you relating to the separation of Cuba from the Islands and I have since been desirous of an interview for the purpose of obtaining further particulars on a subject in which the people of Canada are much interested. I expect to be in New York about the end of this month and shall be much obliged if you will kindly inform me whether and at what time between the 1st and 5th October it would be convenient that I may pay you a visit. My address will be, Sir Adrian Shea, Metropolitan Hotel, New York.

Yours very truly,

(Signed) A. Shea.

COPY.

WASHINGTON BUILDING, No. 1 Broadway,

New York 12th Sept., 1890.

Dear Mr. Edison,

I want to see you on a matter that I am sure will interest you.

Will you do me the favor to call at this office the first time you are in New York.

With great respect I remain

Very truly your friend

(Signed. CYRUS W. FIELD.

To Thomas A. Edison, Esq.

C O P Y.

THOMSON ELECTRIC WELDING COMPANY

Lynn, Mass., Sept. 16, 1889.

Mr. Thomas A. Edison,

Llewellyn, N. J.

Dear Sir:-

We ship you herewith one type 15 C. C. Dynamo and one type 10 A Welder good for an output of 10,000 Watts, with primary E. M. F. 500 volts. We include our usual instructions for operating the plant, which, although not absolutely required, will facilitate the manipulation of the same. We will add to the printed instruction the following: reactive coil, type 2 C. C. is the unit to be connected to terminals of switch board, while type 10 E. M. is to be used in series with the welder. The latter has two adjustments, one operating a switch in base of the coil coupling the windings either in series, multiple or series multiple as indicated by the marks 1 11 1111 on index. Reactive coils first mentioned adjust the amount of over compounding which is not over 10 per cent on full load; the secondary is firmly locked by a notch in the curved iron rod; in moving the secondary (copper shield) so as to cover the primary less compounding effect is obtained, more if moved in the opposite direction.

The dynamo when leaving the factory is so adjusted that handle F will stand vertical for non-sparking positions. Flexible connections & binding posts dip to cross each other in front of bearings. It will be well to ground the frame of welder as well as the opposite pole to nearest water pipe. Each machine is

1500 revolutions; size of pulley 14 inches by 10 1/2 face. Any other information required will gladly be given.

Truly yours,

THOMSON ELECTRIC WELDING CO.

per F. T. Lemp.

Sept. 15,90

Dear Mr. Edison,-

I enclose herewith letter received this morning from Mr. Dickson, and copy of letter received from P. P. Gilman.

Yours very truly,

Thomas A. Edison, Esq.,

Schenectady, N. Y.

C O P Y.

Bomb Oak, near Konvil, N. J.,
Sept. 15, 1890.

T. A. Edison, Esq.,

Dear Sir:-

To-day I shipped you by express 40ft. of core. The hole is now a little over 200 ft and very hard, so hard that we can work but 2 ft. a day and we often dull the bit in 2 1/2 ft, and have to have it reset, which costs $8. I have communicated with New York Drill Co. and also the Penn. Drill Co., who both claim they are doing the best they can. The prospecting out across the hill is now 50 ft., we started at stake W C, close to stake the stripping hill ft. deep and gradually ascends or gets lighter; at 30 ft. the stripping is 8 ft. 8"; we have it between 4 and 5 ft. wide. The stripping where we are about to start the next hole is dirt; deep and we are in 71 ft.; the last ten feet shown very much good oil, and we cannot keep it secret without we stopped this until I get the other hole down and is preparing for hole No. 3. When I start hole No. 2 I would like to pitch the drill down a little say 1/10 of an inch to the foot as it will assist the drill in boring. The friction of the drill rods and the motion of the rotation encourages and forces the drill rods to the mouth of the hole. Should the hole be perpendicular we could have 800 feet easier than 350 ft. horizontal, as the drill rods would naturally force their weight on the bit at the bottom of the hole. Now it requires 35 lbs. pressure to keep power of the matter on its motion towards the mouth of hole carries the rods with it.

(Signed) P. F. Gilden

Sept. 16, 1890

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

With reference to my letter to your Company under date 9th instant, in regard to using linen belts on the phonograph, Mr. Edison would like to know the result of Mr. Ballou's test in this connection as early as possible. Please have Mr. Ballou embody the result of the test in a letter.

Yours truly,

Private Secretary.

Sept. 17, 1890

W. E. Gilmore, Esq., Ass't. Gen'l. Manager,

Edison Gen'l. Electric Co., Schenectady Works,

S c h e n e c t a d y , N. Y.

Dear Sir:-

I enclose herewith a check for Fifteen Thousand Dollars ($15,000), to which I wish you would get Mr. Edison's signature, and remit the check, with special delivery stamp, addressed to W. S. Perry, c/o Samuel Insull, Room 33, 16 & 18 Broad St., New York City. Perry sent a messenger out to us this afternoon to say that he has tried in every direction to raise money by placing paper, but has been unsuccessful, as will be seen from enclosed telegram.

Yours very truly,

Private Secretary.

Sept. 16, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

I have your letter of 11th instant enclosing clippings from the BROOKLYN EAGLE in regard to Mr. Edison's experiments in connection with railroads.

We are building a Gate House at the Laboratory which will prevent people from getting into the building and taking observations. A great deal of information has been obtained in the past by persons who having effected an entrance into the yard proceeded to size things up on their own account. We have never had proper protection against this state of things, the boys whom we maintained in the hall for the express purpose of looking after such people all having proved unequal to the task. I am of the opinion that some of our employees give information in regard to Mr. Edison's work to parties outside of the Laboratory and that much of the news which is contained in reports such as you sent me is derived from this source. I have not yet succeeded in finding out who is guilty of this. I have examined the BROOKLYN CHRONICLE

people, and they promised faithfully to report nothing that they heard from sources which they knew to be unauthorized. We are making every effort possible to stop this sort of thing.

Yours very truly,

Private Secretary.

Sept. 17, 1890.

C. G. Burgess Print Printing Company,
141 Centre Street,
New York City.

Gentlemen:

"Please send at once envelopes for Western Union Souvenir so that we can commence addressing."

Sept. 17, 90.

My dear Mr. Edison,-

The attached is copy of letter received this morning from Mr. Birkinbine, in regard to the Putnam ore property.

Yours truly,

Thomas A. Edison, Esq.,
Schenectady, N. Y.

C o p y.

Philadelphia, Sept. 1d, 1903.

Thomas A. Edison, Esq.,

Dear Sir:-

I had an interview yesterday with the legal representative of the Phila. & Reading Coal & Iron Co., and presented the objections which you made to the lease of the Putnam Co. ore property, as drawn by him. I think there will be no difficulty in arranging for the changes which I suggest, unless it be in the question of the royalty.

We have now to submit our criticisms to Mr. McLeod, President. In the meantime I would suggest that you send me the copy of the lease, which I carried to you, so that I may go over it carefully, also to see that I have omitted none of the notes made upon it, before I have another interview and get an answer from Mr. McLeod. Please advise me also if there are any criticisms upon the legal points by your attorney. I wish to treat the matter in a bold, fair way, and I think Mr. McLeod will meet you half way. At all events, I will do my best to carry the lease through on the terms which we agreed.

Yours truly.

(Signed) JNO. BIRKINBINE.

Sept. 17, 90

My dear Gilmore,-

I was quite well aware that I could call a meeting of the Directors of the Phonograph Works and adjourn it if there was no quorum; but the trouble is that we have to bring Mr. R. L. Cutting all the way from Newport to attend this meeting, as he, Mr. Edison and Mr. Swinnell are the only Directors whom we can get together this week, Mr. Insull being in Minneapolis and Mr. Tremblay in Europe. Therefore, until I am absolutely sure when Mr. Edison will be here, I cannot issue the notices. Mr. Lewis is going ahead with the preparation of papers for the increase of capital stock, and when the Directors meet everything will be in shape for them to pass upon. Kindly show this letter to Mr. Edison.

Yours very truly,

Private Secretary.

W. H. Gilmore, Esq.,
Ass't. Gen'l. Manager,
Schenectady Wks., Schenectady, N. Y.

Sept. 17, 1896

Felix Gottschalk, Esq., Secretary,

Automatic Transportation Co. of N. J.,

[illegible] New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 16th inst., enclosing copy of communication from Mr. Francis M. Spence to Mr. Wm. Rogers Gould, Manager of the Minneapolis Industrial Exposition, in regard to Nickel-Slot machines.

Mr. Upton's manner of expressing himself is certainly very amusing, and you have very good reason to complain. I have written him upon the subject to-day.

Yours very truly,

Private Secretary.

Sept. 17, 90

Eugene H. Lewis, Esq.,

Messrs. Lewis & Lewis,

2100 Broadway, New York.

Dear Sir:-

I enclose herewith letter received by Mr. Edison from the Edison Phonograph Toy Mfg. Co., under date July 26th, 1890, acknowledging receipt of our letter and cablegram of the previous day.

Inasmuch as the Toy Company after receiving our telegram in which we made the surrender of rights conditional upon their recognizing the transfer of manufacture to the Edison Phonograph Works, wired their agent that transfers would be made, is not this by implication a valid recognition upon their part of the transfer of manufacturing rights?

Yours very truly,

Edward Johnson.

Sept. 17, 1890

My dear Glass,-

Your letter of 3rd instant is at hand.

I am very much surprised to learn that primary batteries are not used in San Francisco.

In regard to your non-success with the phonograph, I directed Mr. Edison's attention to your remarks on this subject, and he suggested that perhaps some local inventor had been monkeying with the machine. This seems to be the only explanation, as the trouble which you mention is not encountered here.

Remember me to Major McLaughlin and Mr. Sabin.

Yours very truly,

Private Secretary.

Louis Glass, Esq.,
#323 Pine St., San Francisco,
Cal.

Sept. 18, 1890.

The Electric Club,

O. H. Marden, Esq., President,

New York City.

Dear Sir:-

I enclose herewith ten (10) Bonds of THE ELECTRIC CLUB, Nos. 170 to 179, inclusive, each for Fifty Dollars, and all in the name of Mr. Edison. Mr. Edison surrenders these Bonds with the object of becoming a life member of THE ELECTRIC CLUB, understanding that the Officers of the Club are desirous that holders of the requisite number of Bonds should do this rather than to hold the same until they become payable.

Please acknowledge the receipt of the Bonds, and send to Mr. Edison a Certificate of Life Membership.

Yours truly,

Private Secretary.

Sept. 18, 1890.

Edison Phonograph Works, Orange, N. J.

Dear Sirs:-

I enclose herewith copy of a letter under date 15th September, 1890, received by Mr. Edison from Thos. R. Lombard, of the N. A. P. Co., in regard to rubber belts for use in connection with the phonograph. The rubber belts referred to will be handed to you by our messenger, and Mr. Edison would like you to have them tested in accordance with Mr. Lombard's request, reporting the result of test to Mr. Edison.

Yours truly,

Private Secretary.

C O P Y.

[illegible]

New York, Sept. 16th. 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Mr. Edison,-

I send you with this letter a few of the rubber belts I mentioned to you the other day, and desire that you have them tested to see if they would answer the purpose for use on the phonograph. We have been using them in this office for upwards of two months and find very good service; they cost only about 3 cents apiece, and large quantities would be made cheaper than this.

Yours very truly,

(Signed) THOS. A. LOMBARD.

Sept. 13, 1920

Samuel Insull, Esq.,

14 & 16 Broad Street,

New York City.

Dear Sir:-

I beg to send to you herewith copy of Mr. Ballou's report on Linen Belts, used in connection with the phonograph, in regard to which you wrote Mr. Edison under date September 5th.

Yours very truly,

Private Secretary.

COPY.

EDISON PHONOGRAPH WORKS

Orange, N. J. September 17, 1896.

REPORT ON LINEN BELTS.

We have given the linen belts a thorough test, and find that they run smoother, retain their shape better, and do not stretch as much as the leather belts. As regards the driving power of the two belts, there is no choice. When the linen belt is put on or taken off, the governor shaft must be taken out so as not to stretch the belt over the flanges of the pulleys.

(Signed) GEO. F. BALLOU.

Sept. 18, 1900

American Steam Boiler Ins. Co.,

I n s p e c t i o n D e p ' t.,

79 John St., New York City.

Dear Sirs-

In reference to your letter of 15th instant, we beg to inform you that prior to its receipt we had arranged with your Newark office to have our Boilers inspected on Monday next, 21st instant.

Yours truly,

E D I S O N L A M P C O M P A N Y

By

Sept. 19, 1880

My dear Major,-

I have your letter of 19th instant in regard to an arrangement which you have made with Mr. Edison for him to meet yourself and Mr. Batt at the Laboratory on Monday evening next for the purpose of a discussion in the Tender case.

All I know at the present time is that Mr. Edison told me that he would be here on Monday, but at the same time he expressed a doubt as to whether he would be able to get away from Schenectady so soon. The experiments which he is conducting up there are of such a nature that I don't think he knows himself just when he will be able to return to Orange. Should I receive any further information between this and Monday in regard to Mr. Edison's movements, I will not fail to apprise you of it.

Yours very truly,

Private Secretary.

Major J. B. Eaton,
1120 Broadway, New York.

Sept. 20, 1890

M. [illegible] Esq., President,

[illegible] Electric Illuminating Company,

Mount Carmel, Pa.

Dear Sir:

I have your letter of 18th instant, in regard to increasing the capital stock of your Company, and enclosing waiver of the regular notice of Stockholders meeting which the law requires you to hold for the purpose of voting on the same. I have [illegible] my signature to this waiver and beg to return it to you herewith.

Yours truly,

Sept. 20, 1890

W. K. L. Dickson, Esq.,

N. J. & Pa. Concentrating Works,

[illegible], N. J.

Dear Sir:-

With reference to your letter of 13th instant, Mr. Edison has requested me to inform you that the moisture on magnets probably comes from wet ore saturating the atmosphere in magnet-box; that you had better clean the canvas and everything, and paint the canvas and magnet with the thickest shellac varnish, allowing each coat to dry before putting on the next one; to assist drying you had better put current on magnets; before you start painting dry the magnets, then take the current off, and while a little warm paint them, afterwards putting the current on to dry; use the varnish freely.

Yours truly,

Private Secretary.

Sept. 22, 1890.

Edison Phonograph Toy Manufacturing Company,

#95 Milk Street, BOSTON,

Mass.

Dear Sirs:-

Referring to my telegram to you of July 25th last, as follows:

"Upon receipt in Boston of One Hundred Thousand Pounds cash "together with shares representing one-eighth interest in "Company whose capital does not exceed Three Hundred Thous- "and Pounds less expenses and commissions which must not "exceed Twelve Thousand Pounds myself and the Edison Phono- "graph Works will in consideration of thirty-two per cent "of said cash and shares execute any papers necessary to "transfer our rights Great Britain Continental Europe and "the Channel Islands to the said Company upon the condition "that my transfer of manufacturing rights to the Edison "Phonograph Works shall be recognized by your Company which "is necessary as the Phonograph Works now own these rights. "

(Signed) Thomas A. Edison."

which was sent in response to your letter of July 22nd, in which you gave me to understand that the cash and stock considerations of the proposed European sale of rights would be deposited in Boston immediately: as failure has been made to carry out the provisions of agreement, neither money nor stock having been received and the attempt to capitalize the involved portion of the foreign business having been unsuccessful, I beg to advise you that I now withdraw the assent I gave to any and all propositions which were submitted to me as part of this proposed transaction, for the reason that I wish to prevent such assent being carried over and applied in connection with any fresh negotiations that may be or have been undertaken. Any further attempt to dispose of these foreign rights will in all probability alter the complexion of the transaction, and my object and desire is to have any questions affecting my personal rights presented in their genuine light to be judged accordingly, a privilege to which I am, of course, entitled.

Yours very truly,

Sept. 22, 1890.

Mr. F. P. Gilder,

Sarum Oak, near Keyes.

N. J.

Dear Sir:-

Mr. Edison has read your letter of 18th instant, and has also read a copy of your letter to Mr. W. S. Perry. In reply Mr. Edison says to use your own judgment in connection with the operations at Sarum Oak and do whatever you think is best. He says you need not try to keep things secret, but at the same time you need not publish anything. Mr. Edison says further that you need not bore horizontally, but go at an angle if it will accomplish the purpose better, quicker and cheaper.

Yours very truly,

Private Secretary.

Sept. 23, 90

M. C. [illegible], M. D., Chairman,

[illegible] Co.,

[illegible]

Dear Sir:

[illegible]

[illegible]

Sept. 23, 1910.

C. Lecca, Esq.,

Acting Consul General for Italy,

New York City.

Dear Sir:-

Your esteemed favor under date 21st July, enclosing letter from the Italian Society of Sciences (called of the Forty), together with a gold medal, kindly presented to me by the Society awarded, came duly to hand, but acknowledgement of the same has been delayed owing, to my prolonged absence from home.

I appreciate very highly the action of the Italian Society of Sciences in awarding to me the medal referred to, and would ask you to kindly convey to the Society my warmest thanks for this token of their esteem.

Apologizing for the delay which has occurred in replying to your communication

Believe me, yours very truly,

Thomas A. Edison

Sept. 24, 90.

My dear Mr. Comery,-

I have your note of 22nd instant.

There has not been a single word received from Gourand in regard to your matter. The letter was mailed on the 20th July last.

The phonograph for Mr. Gubio was shipped August 16th, 1890.

Yours truly,

Private Secretary.

Thomas B. Comery, Esq.,

Maplewood Park, N. J.

Sept. 24, 1892.

Mr. [illegible],

257 [illegible] Ave.

New York City.

Dear Sir:-

With reference to your telephone message of yesterday in regard to [illegible] electrical devices etc. for display at the annual Exhibition of the American Institute of Electrical Engineers which opens on the first of next month, I have consulted Mr. Edison on the subject, and he regrets very much that he is unable to comply with your request, for the reason that all of his various apparatus, drawings etc. are at present on exhibition in Mr. Kemmelin. This confirms the message which was telephoned you from this office to-day.

Yours truly,

Private Secretary.

Sept. 24, 1890.

Samuel Insull, Esq.,

16 & 18 Broad St.,

New York City.

Dear Sir:-

Mr. Tate requested me to forward to you the enclosed copy of memorandum addressed by him to Mr. Edison on the subject of a telephone message received yesterday from Mr. Richard N. Haines.

I have to-day written Mr. Haines, in Mr. Tate's name, stating that Mr. Edison regretted his inability to comply with Mr. Haines's request, for the reason that all of the various apparatus, drawings etc. were at present on exhibition in Minneapolis. This letter I addressed to Mr. Edison in accordance with instructions received from Mr. Edison.

Yours respectfully,

Sept. 23, 1880

C[illegible]

Mr. [illegible].

Mr. [illegible]: [illegible] that telephone [illegible] that the annual exhibition of the American Institute of Electrical Engineers opens 1st of October. We would like to know if there are any little devices we could have like to be exhibited in the space where Mr. Edison is secured for the phonograph. Mr. Edison exhibits particularly lamps, rockets etc. I told him that I knew a crystal of that kind had been sent to Minneapolis, but that I would speak to you about the matter and ascertain if there is anything at all we could let him have.

(Signed) A. O. Tate.

M.

March 27, 1898.

Frank Cottrelling Esq., President,
American Phonograph Exhibition Co.,
243 Park Row, New York.

Dear Sir:

I beg to acknowledge the receipt of your letter of 24th instant.

I appreciate fully the merits of your Storage Battery Power Plant, as put on the discretion of the Edison Phonograph Company.

In reply to the three questions you ask for your information relative to our cells, I beg to say, first, I am aware a number of Phonograph Companies who have used our cells in the past, but it has never been their book they did not give information, for two reasons:

1st. When first introduced our cells were not as perfect as at present. The phonograph, being the type of cell we have manufactured, the "K" 300 ampere hours, the size and condition of this cell had a capacity of 200 ampere hours, while the outer plates had a capacity of 600 ampere hours. The result of this inequality was that in recharging the cells it was not convenient to have the inside plates

[illegible] [illegible] 1920.

[illegible]

[illegible] written [illegible] records [illegible] [illegible] zinc plates had been [illegible]. [illegible] run the battery would [illegible] completely [illegible] in consequence. We have [illegible] type of cell [illegible] 300 [illegible] together. [illegible] [illegible] of the battery [illegible] about one-half the cost of the old type.

b. We experienced considerable difficulty and received complaints from all quarters in regard to zincs being eaten off at the [illegible] in the cell [illegible] service for a limited period [illegible] particles [illegible] [illegible] [illegible] off and drop. We have overcome this [illegible]. For instance, in the [illegible] plate is about 1 1/2 [illegible]. Therefore [illegible] the oil they are [illegible] plate [illegible] [illegible]

[illegible] September 20, 1900

Gentlemen, In regard to the cost of running one battery for a year, [illegible] to the new power and the power you propose to run it. If [illegible] power battery may it will cost less than if you run it [illegible] per day. The only way to estimate this cost is by [illegible] I think the data will give you a fair [illegible] The battery a battery of two "EE" cells will run for [illegible] a 10/100 cents per hour. At about hours per day [illegible] it will cost 6 30/100 cents per day, or would have a [illegible] about three months. The cost per year, at 24 days, would be [illegible] to $19.15, or if the cell four [illegible] work made the [illegible] per day $[illegible].20. The attendance alone under ordinary circumstances, apart from the cost of maintenance will greatly exceed this amount.

I send you herewith one of our general catalogues. On page [illegible] you will find the weight of each cell with and without solution, also the dimensions of cells of various types. The letters shown in combination with the weights correspond relatively with the numbers rather [illegible] under the heading "Dimensions of Cells."

For further information I beg to direct your attention to the enclosed copy of correspondence between ourselves and an officer of one of the Phonograph Companies.

Yours very truly,

EDISON MANUFACTURING COMPANY

By

Sept. 25, 1890.

John H. Wood, Esq.,

#18 & 20 Liberty Street,

New York City.

Dear Sir:-

I send to you herewith, by special messenger, the following insurance policies on Mr. Edison's property, each for $5,000:

Phoenix Ins. Co.	No. 2198
Fire Assoc. of Phila.	No. 666892
Liverpool, London & Globe	No. 2983702
Sun Fire Office of London	No. 3433778
American Central, St. Louis	No. 219098
Springfield Ins. Co.	No. 1124
Liverpool, London & Globe	No.2983701
Phoenix Ins. Co.	No. 2197

Also the following for $2,500 each:

Greenwich Ins. Company	No.217389
Springfield Ins. Co.	No. 1133
Providence Washington Ins. Co.	No.2470
N. H. Fire Ins. Co.	No. 299524
The Buffalo German Ins. Co.	No. 17615
Sun Fire Office of London	No. 3433780

together with two policies for $1250 each, and one for $3600, as follows:

German American Insurance Co.	No. 263,693.
The Hamilton Fire Ins. Co.	No.222,874
Ger. Am. Ins. Co. ($3600)	No. 261586.

Please acknowledge receipt of the above, and oblige

Yours truly,

Private Secretary.

Sept. 25, 1890.

James H. Lippincott, Esq., President,

North American Phonograph Company,

New York City.

Dear Sir:-

At Mr. Edison's request I send to you the enclosed copy of Report on Wax Belts received by him from Mr. Ballou, of the Phonograph Works.

Yours truly,

Private Sec'y.

C o p y.

Orange, N. J. Sept. 17, 1890.

REPORT ON LINEN BELTS.

We have given the linen belts a thorough test, and find that they run smoother, retain their shape better, and do not stretch as much as the leather belts. As regards the driving power of the two belts, there is no choice. When the linen belt is put on or taken off, the governor shaft must be taken out so as not to stretch the belt over the flanges of the pulleys.

[Signed] George F. Ballou.

Sept. 20, 1880.

M. R. Levy, Esq.,

P u e b l o, Colorado,

D e a r S i r:-

The following names of Americans are, in Mr. Edison's opinion, deserving of preference in connection with the allegorical statues portraying the Arts and Sciences with which it is proposed to decorate the Colorado Mineral Palace:

Benjamin Franklin----------Electricity.
Joseph Henry----------Physics.
Robert Fulton----------Steamboats.
Samuel F. B. Morse----------Telegraph.
Elias Howe----------Sewing Machine.
George Henry Corliss----------Automatic Engines.
Eli Whitney----------Cotton-Gin.

The above names are identified with Science; Mr. Edison says he knows nothing about Art.

This in reply to your letter of 12th instant.

Yours truly,

Private Secretary.

Sept. 24, 1890

Messrs. Eaton & Lewis,

220 Broadway,

New York City.

Dear Sirs:-

Your letter of 25th instant addressed to Mr. Tate, in regard to the Minutes of the proposed Special Meeting of the Board of Directors of the Edison Phonograph Works which your Mr. Lewis sent to Mr. Tate a few days ago, and enclosing two copies of Certificates of Increase of Capital which you desire substituted for those which accompanied the Minutes above referred to, is duly at hand, and the substitution of papers which you desire has been effected.

The meeting of the Board of Directors of the Phonograph Wks. called for Tuesday last, 23rd instant, was, as you are aware, postponed until the next day, there being no quorum present. The meeting had to be again adjourned on the 24th, as we could not get the Directors together. Mr. Insull, who has the matter in charge, in the absence of Mr. Tate, has not yet advised the writer as to the date for which to call another meeting.

Yours truly,
EDISON LABORATORY by

Sept. 26, 1890

Messrs. Hubbard, Price & Co.,

Cotton Exchange Building,

New York City.

Dear Sirs:-

Your letter of 19th instant addressed to the New York Phonograph Company has been referred to Mr. Edison with the request that he answer it.

With reference to the suggestion made by your Mr. Price that some device be arranged on the phonograph that will ring a bell a moment or two before the end of a cylinder is reached, Mr. Edison desires me to inform you that the new machines which are now being manufactured will have such a bell, and we will probably be able to arrange it so that the bell can be attached to the old instruments.

Mr. Edison regrets very much that he cannot assist you in obtaining a phonograph for one of your foreign correspondents. The instrument outside of the United States and Canada is controlled by the Edison United Phonograph Company, Mills Building, New York City, and a machine for use in a foreign country would

require to be supplied of them or their representatives. The Company mentioned has been organized only a short time and their arrangements for distributing the phonograph throughout their territory are not yet completed. I would suggest that you communicate with the United Company in regard to securing a phonograph for your correspondent; they may be able to accommodate you.

Yours very truly,

Private Secretary.

Sept. 27, 1890.

Mr. John Birkinbine,

625 N. E. City Hall Square,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison is much obliged for for your letter of 24th instant in regard to the Putnam County Ore property. In reply he says, never mind the sale, but insist on extension of another twenty years at increased royalty.

Yours very truly,

Private Secretary.

Sept. 27, 90.

William Holzer, Esq.,

Menlo Park, N. J.

Dear Sir:-

Mr. Edison desires me to inform you that the wire which you left at the Laboratory has been tested, and we find that we cannot use it with success.

Yours truly,

Private Secretary.

Sept. 27, 1890

J. C. Henderson, Esq., Engineer-in-Chief,

Edison Gen'l. Electric Co.,

#16 & 18 Broad St., New York.

Dear Sir:-

We beg to report as follows upon the condition of some sample tubes of The Safety Conduit Company sent for test to the Laboratory:

These tubes are 3' 7" long, and ¾" internal, 1" 7/8" external diameter.

Six of these lengths were received on the 21st ult., and according to instructions were immersed in the fresh water tank.

On the 12th of the present month four of the tubes were removed for test after 22 days immersion. The exterior surface of these has somewhat deteriorated, and the original gloss has disappeared.

The insulation resistance of these tubes averages 15,000 ohms each, or at the rate of 30 ohms per mile.

They have been replaced in the tank for further tests.

Yours very truly,

Edison Laboratory

by

Sept. 29, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of even date herewith, informing me that in accordance with an arrangement made by you with myself on Saturday last to loan you two Certificates of 100 shares each of the Capital Stock of the Edison Gen'l. Electric Company, you have withdrawn from those in your possession, subject to my order, Certificates numbered, respectively, 313 and 314, both for 100 shares each and bearing my endorsement; also that in exchange for the foregoing and to be held by you for my account as security for the return of the Certificates of Edison Gen'l. Co. stock mentioned above, you deposited to-day in the Safe Deposit Vaults, William St., New York, Certificates for 200 shares of $100 each in the Capital Stock of the New Jersey and Pennsylvania Concentrating Works, with transfer attached; all of which is satisfactory.

Yours very truly,

Thos A Edison

Sept. 29, 1890.

N. P e t r o w , Esq.,

Cabinet de Sa Majesté L'Empereur,

St. Petersburg, Russia.

Dear Sir:-

I beg to advise you that the two Vases, the product of the Imperial Manufactory at Jekaterinebourg, mentioned in your esteemed communication under date 17th July last, were received by me at the Laboratory on Saturday 27th instant. The reason of the long delay in the delivery of these Vases was owing to my inability to expedite their passage through the Custom House, which at this season of the year is always in a very crowded condition, the American importations being very heavy.

Please be kind enough to convey to His Majesty, The Emperor, my sincere thanks for the beautiful Vases with which he has so graciously presented me.

With great respect

I am, yours very truly,

[illegible]

Sept. 30, 1890

Master Thomas A. Edison, Jr.,

St. Paul's School,

Concord, N. H.

My dear Tom,-

In accordance with instructions received from Mrs. Edison, I send to you the enclosed check for Twenty-five dollars.

Yours very truly,

Sept. 30, 1890.

Dear Mr. Batchelor,-

I enclose herewith a letter from Mr. Edison to Mr. Birkinbine of Philadelphia, requesting him to furnish you with a map of the Putnam County Ore property. I made a careful search for the copy of map which Mr. Edison thought might be in the Laboratory, but was unable to find it. The map which Mr. Edison thought was at his house I sent to Birkinbine some days ago. Mr. Birkinbine's address in Philadelphia is No. 25 City Hall Square, N. Juniper Street.

Yours truly,

Chas Mylhum

Charles Batchelor, Esq.,
#33 West 25th St., New York City.

Sept. 30, 1890.

John Birkinbine, Esq.,

Philadelphia,

Pa.

My dear Sir:-

Will you please deliver to Mr. Charles Batchelor, who will present this note to you, a map of the Putnam County ore property. Should you not have a map of the property in your office, kindly procure one for Mr. Batchelor, and oblige

Yours truly,

Morell Ertman

Sept. 30, 1890.

Mr. Mayo - I have been looking over my patents, & enclosed memo for results.

MEMORANDUM RE PATENTS

#343017, I think is infringed.
800, Get it out.
798, Get it out.
691, How about it?
692, How about it?
693, "
694 "
695, "
699 "
704 "
716, Ought to be got out
724, Ought to be got out.
293432, There are one or two who infringe this.
605, Many infringe this; can't it be got out?
606, Also infringed.
304086, I think there is one case of infringement.
298956, Infringed.
304,087, Infringed in some Stations; infringed by all Electric Railroad people.
328572, Is this infringed?
Case 584, Kline took this out; do we own it and is it infringed?
585, Is this infringed?
304083, Is this infringed.
297584, This is infringed
589, Isn't this infringed on R. R. R. or Stations? I think Alternating people have it.
304084, This also.
298954, Equivalent to carbon brush.
298955, Performs better the functions that carbon brushes are used for.
496, If these claims allowed, could stop use Tamadine.
Pat. 273488, March 6, 1883, Think 4th claim infringed by one or two parties.
512, Nov. 9, 1882, Middle support coming into use; Kalinsky uses it, and some Boston concern recently started imports the carbons; ought to be got out of office.

314, Nov. 9, 1882, Bernstein uses this; he will be our principal competitor if we gain filement suit; this patent ought to be got out by all means.
251539, I think one party infringes this patent.
263136, I think somebody uses this device in a motor dynamo or something.
263134, Does any one infringe this?
251549, Nearly all infringe.
251596, How about this?
Case 323, This is infringed by many.
248419, T. & H. use this in their large lamps; they will add come to it now platina is so high, so better commence suit at once.
251542, All infringe.
Case 305, Is this infringed?
266447, All infringe.
251559, Is this infringed?

I swear there is in the Patent Office somewhere an application for use of Mica on Commutators

251555, I think Arc Light people infringe; if not some of the Incandescent people.
Case 295, The series people I believe would infringe this patent, if out.
251554, Are these devices infringed?
248,424 Is there nothing about this patent that can hold? I think references given won't hold, and patent good.
248440, Is this infringed? Also is the patent Bergmann got from Gibson or some such man infringed and do we own it or control it?
239153, This is being sued on I believe.
Case 260, All infringe. Why can't this be got out?
239151, Many infringe.
264, How about this?
265777, All infringe.
248433, Does anybody infringe?
242901, Westinghouse infringes, and all others who load a motor.
263140, Case 224, all infringe.
Pat. 251540, Nearly all infringe or have infringed 3rd claim; 4th claim all infringe but Tamadine.
248423, I think Westinghouse, T. & H. and Sawyer-Man infringe this furnace.
239147, Why not sue on this feeder patent also?
Case 237, Can't this be got out?
Pat. 248425, I think Sawyer-Man and T. H. infringe the pump and Reservoir biz.
Case 204, I suppose this is sued on.

264649, Claim 7, Bkg. okt. at multiple points infringed by all.

Case 210, Claim 1, Infringed by nearly all if we got it out.

Pat. 227226, All infringe. Can't this be sustained.

437, Does anybody use any of these devices?

230255, All infringe.

Why cannot we fix up paper carbon lamp patent case 187 and get what we did not get in reg. fil. lamp now in suit? There are a number of points.

265310, Oct. 3rd, 1882, This is infringed by all .

408, We are entitled to this and ought to get it; would be exceedingly valuable.

423, Would be a fine patent to get out regulates speed by a resistance in armature circuit, most valuable thing T. & H. and W. have, also reversing feature, Aug. 7, 1882.

432, This patent should be got out at once. We are entitled to it and upon all will use it. Already Mann, of Sawyer-Mann, is head of Company using it.

334, Somebody has this and selling lots of them.

265779, If claims are as in my book, Arc light people infringe.

264668, I think we should sue on this all that use compound wound machines.

401, Why can't this be got out? Sawyer-Man use it I think.

403, Ought to be gone over carefully and be got out of office.

404, Ought to be got out of office.

266588, Does Sawyer-Man use it?

Can't 371 be got out, filed Nov. 22, 1881, very early.

S. D. Mott app'n., irregular bottom to lamp to make plaster paris hold, Was this ever issued? All makers have an irregularity.

Patent 317,631, All infringe.

264660, I think some Arc people infringe.

332, June 24, 1881, This would be good patent to get out.

333, Sept. 3d, 1881, This would be good to get out; all large installations use it and it was new at the time.

Isn't the squeeze lamp seal of Holzer infringed by many?

345, Oct. 4, 1881, This would be good to get out.

266793, Filed Dec. 9, 1881, Have we sued on this?

Oct. 30th, 1883, Pat. 287516, This patent ought to be sued on if claims are as in my book.

574, Pat. 287513, Oct. 30, 1883, Does T. & H. infringe?

Pat. 297582, April 29, 84, I think T. & H., Sawyer-Man, U. S. and many others infringe.

576, June 29, 1883, This would be good patent to get out, All use it.

337512, I think this is infringed by somebody.

Pat. 283986, August 28, 1883, Think T. & H. and others infringe motor feature and other features of this patent.

281349, July 17, 1883, Many infringe.

543 should be got out, has several things infringed.

280727, July 3, 1883, Does anybody infringe?

548, This would stop the Westinghouse lamp, if he now makes it.

281517, Oct. 30, 1883, I think this is infringed?

Pat. 274294, Westinghouse did use it, used silk thread which is continuous.

Pat. 276233, April 24, 1883, surely covers carbon-brushes on motors and everyone should be sued on it.

518 of Nov. 23, 1882, is a patent that should be got out if possible.

527 ought to be got out, Dec. 8, 1882.

529, There is a party in the field who coats with Silicon.

533, Does anybody use these? I think some of the big plating machines, and one small motor man use it, Jan. 8, 1883.

Patent of October 10th, 1882, No. 265784, probably infringed.

Get out App'n. 466, filed Aug. 14, 1882

Patent 273494, issued March 6, 1883, T. & H., Westinghouse and probably others infringe this patent as they use the wires on rails This is absolutely necessary when single trolley system used; the claims are for continuous conductors, but the lesser is found inn the greater.

Application 473, filed Aug. 22, 1882, the first claim if obtainable is valuable.

Get 482, Sept. 22, 1882, out.

Pat. 307029, Oct. 21, 1884, this patent infringed by those using Tamadine. If 2nd claim is in patent nearly everybody infringes.

No. 281351, If claims are as in my book many infringe.

Oct. 1, 1890.

Samuel Insull, Esq.,
#16 & 18 Broad Street,
New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between yourself and Mr. Edison to-day:

"Cable result Edison's motor child. Ask him whether willing to appear at the Frankford Electric Exhibition. Suggest not general exhibit, but special object like new motor. Cable Mr. Edison's ~~xxx~~ opinion.

The above is copy of a cable received by Mr. Spofford from Mr. Villard. Will Mr. Edison let me know what reply to make in his name."

Mr. Edison's reply:

"All experiments tried and satisfactory on new motor supersede Sprague; standard-model now being made Schenectady; don't believe it possible to get car in time for exhibition. Experiments continue on motor and system Chicago terminal and no overhead Street system--all approaching completion."

Yours truly,

Private Secretary.

Oct. 2, 1890.

Mr. John Birkinbine,

#25 N. E. City Hall Square,

Philadelphia, Pa.

Dear Sir:-

I have your letter of October 1st in regard to the Putnam County ore property and note contents of same.

Wont they give me any time to prospect the property? I ought to have at least six months, as winter is coming on.

Make the wood arrangements thus: I am to have wood right if lease is held for twenty years; in the meantime I pay usual rates for what I use, and this is credited back to me if lease holds for twenty years. If this can be done, tell them to go ahead with the lease.

Yours very truly,

Oct. 2, 1890.

Allan Stirling, Esq.,

#74 Cortlandt Street,

New York City.

Dear Sir:-

I return herewith application of membership for Mr. William Wallace, of Ansonia, Conn., in the Mechanical Engineers Society, duly signed by Mr. Edison as requested, the same having accompanied your letter of 29th ultimo.

Yours truly,

Private Secretary.

Sept. 4, 1890.

Thomas R. Lombard, Esq.,

#160 Broadway,

New York City.

Dear Sir:-

Upon my return to the Laboratory after an absence of several days, I find your letter of 23rd ultimo, in regard to the journal which your Company proposes publishing. I shall be very glad to see you at the Laboratory any time. Before coming out please telephone and ascertain that I am here. I would like to arrange for the front page of the "PHONOGRAPH," for a battery ad., providing your terms are not too high.

Yours truly,

Private Secretary.

Oct. 4, 1890.

Mr. H. W. Livor,

#19 Dey Street,

New York City.

Dear Sir:-

I have your letter of 3rd instant in regard to the boiler capacity at Ogden.

Put the additional boiler in now, and do not wait until the Refinery is built.

Yours truly,

Oct. 4, 1890.

Edward D. Adams, Esq., President,

Cataract Construction Co.,

Mills Building, New York City.

Dear Sir:-

Your letter of 3rd instant in regard to the information obtained in the canvass which I caused to be made of the City of Buffalo, is duly at hand. In reply I beg to inform you that I engaged the Edison General Electric Company to perform this canvassing work and referred the whole matter to Mr. Samuel Insull, Second Vice-President of that Company.

Yours very truly,

Oct. 4, 1890.

Samuel Insull, Esq.,
15 & 17 Broad Street,
New York City.

Dear Sir:-

I enclose herewith copy of a letter dated 3rd Oct., 1890, received by Mr. Edison from Edward D. Adams, Esq., President of the Cataract Construction Company, in regard to the canvass which was made of the City of Buffalo in the interest of the Niagara Falls Project. I also send you copy of Mr. Edison's reply. These are sent to you at Mr. Edison's request.

Yours very truly,

Private Secretary.

Copy.

GATHERED CONSTRUCTION CO.

New York, October 3rd, 1890.

Thomas A. Edison, Esq.,

Orange, N. J.

Dear Sir:-

Referring to my letter to you of July 25th, I should be glad to have some definite understanding in regard to what is to be done with the information obtained by you or your Company in your Canvass in the City of Buffalo, in the interest of the Niagara Falls Project. In a recent conversation with Mr. Insull, he intimated that you might wish to retain the data for your use in connection with your Company. Unless we receive from you a statement of your disbursements in the matter, and the full information gathered, by the 15th of this month, we shall consider that you prefer to retain it for your own use or that of your Company, and will not look to us for payment of the disbursements.

Sincerely yours,

(Signed) EDWARD D. ADAMS,

President.

Oct. 4, 1890.

Major S. B. Eaton,

220 Broadway, New York City.

Dear Sir:-

I have your letter of 3rd instant in regard to the expiration of foreign patents.

I think Mr. Dyer had better come and see me before we abandon any patents.

The Sawyer-Man people have gone back to bamboo, and we had better keep the foreign bamboo patent alive.

I return herewith the following papers which accompanied your letter under reply, namely, your letter to myself under date July 29th, 1890, Mr. Simpson's memorandum of Mr. Dyer's views, and note from Mr. R. N. Dyer addressed to yourself under date Aug. 21, 1890.

Yours very truly,

[illegible] in regard to patent No. [illegible].

Oct. 6, 1881.

Secretary,

The Edison Electric Illuminating Company,

Mount Carmel, Pa.

Dear Sir:-

I enclose herewith Certificate No. 1, for 48 shares of the Capital Stock of your Company, in my name. I send you this Certificate for the purpose of having the transfer made which is indicated on back of same. When the transfer is made, 3 shares in name of P. B. Shaw, and 45 shares in my name, please forward the two certificates to me at Orange, and oblige

Yours truly,

Oct. 6, 1890.

Richard N. Dyer, Esq.,

Messrs. Dyer & Seely,

436 Wall St., New York.

Dear Sir:-

I return herewith specification on the last form of magnetic belting, duly executed, the same having been enclosed with your letter of 4th instant.

I have no objection to Wetzler illustrating the new mechanical motor or to his publishing Kennelly's test.

Yours truly,

Thomas Alva Edison

Oct. 7, 1890.

To Whom It May Concern,-

This is to certify that the bearer, JAMES WALROND, has been in my service continuously for ten years, in the capacity of Watchman, seven years of which were passed in my factory at Goerck Street, New York City, and the last three years in my Laboratory at Orange, N. J. During the latter period he was under my personal supervision, and he always performed the duties assigned to him to my entire satisfaction. He has proved himself to be honest, trustworthy, reliable and painstaking, and I can recommend him very highly to any one in need of his services. He leaves my employ entirely of his own accord, and he has my best wishes for his future success.

Thos A Edison

Oct. 7, 1900.

Mr. [illegible] Brock, Esq.,

St. [illegible], Russia.

Dear Sir:

I am very much obliged for your letter under date [illegible] which I perused with much interest. I note all your remarks in your experiences with the phonograph in connection with the making of musical records etc. I have been keeping on in the persistent pursuit for years and have met with much success, having, in fact, got rid of every difficulty. I say especially in the music so that ear pieces are unnecessary.

The business part of the phonograph is still hankering for what is a "peddler" with brains.

I received from His Majesty, the Emperor of Russia, two beautiful Vases, the product of the Imperial Manufactory at Jekaterinabourg, together with a letter from M. Petrova, of His Majesty's Cabinet.

The box of phonograms referred to in your letter under reply and which you so kindly sent to me, have been received at the Laboratory in good condition, but since their receipt I have been under such pressure that I have not had time to examine them.

J. H. Blodgett, Esq.

October 7, 1890.

I desire to inspect the Shoshonean personally myself, and will wait until I have a little leisure before doing so.

With kind regards, believe me

Yours very truly,

C. Hart Merriam

Oct. 7, 1890.

Samuel Insull, Esq.,

~~44~~ & 19 Broad Street,

New York City.

Dear Sir:-

I enclose herewith copy of a letter received by Mr. Edison this morning from Edward D. Adams, President of the Cataract Construction Company. Mr. Adams letter has not been replied to.

Yours truly,

Private Secretary.

C O P Y.

CATARACT CONSTRUCTION COMPANY

New York, October 5th, 1890.

PERSONAL.

Thomas A. Edison, Esq.,
Orange, N. J.

Dear Mr. Edison:-

Referring to the subject which I mentioned to you last January, namely the establishment of Edison's Reduction Works at Niagara Falls, I beg to suggest that in order to procure the such Company the lowest rate for power some definite programme should be adopted at an early day. It is the intention of my Company to establish rates gradually advancing in price for each successive block of power sold. As we now have applicants for about 24,000 H. P., and we are negotiating the details of a definite contract for 10,000 H. P. to one of these applicants, it seems to me that if you still incline to the establishment of such reduction works, the matter should take definite form at an early date. I have mentioned this matter to Mr. Insull recently, and he promised that I should hear from you soon. I am afraid from the records that you are not giving much attention to personal correspondence at the present time. I will be obliged if you answer this letter at least, so that I may know whether or not you wish to do anything in furtherance of your suggestion of last winter.

Sincerely yours,

(Signed) EDWARD D. ADAMS
per Geo. C. Westmore, Jr.

Samuel Insull, Esq.,

Oct. 7, 1890.

#10 & 12 Broad Street,

New York City.

Dear Sir:-

Referring to your memorandum of 3rd instant, Mr. Edison's Mount Carmel Elec. Ill. Co. stock was in the Secretary's safe, and I have sent the Certificate to the Secretary of the Company to have three shares of the same transferred to Mr. F. B. Shaw, in accordance with Due Bill dated 30th October, 1885, copy of which was attached to your memorandum under reply.

Yours truly,

Private Secretary.

Mrs. Margaret Stilwell,

Menlo Park, N. J.

Oct. 7, 1890.

Dear Madame,-

Mr. Edison says in reply to your letter of 3rd instant, that you may occupy the house at Menlo Park, and take care of the Laboratory buildings.

Yours truly,

Private Secretary.

Oct. 8, 1890.

Felix Gottschalk, Esq., President,
Automatic Phonograph Exhibition Company,
#13 Park Row, New York City.

My dear Sir:-

Referring again to your letter of September 18th last, with which you enclosed copy of letter from Mr. Francis R. Upton under date Sept. 8th addressed to Wm. M. Regan, Esq., Gen'l. Manager of the Minneapolis Industrial Exposition, in regard to the Nickel-Slot machines on exhibition there, as stated in my letter to you of September 17th, immediately upon receipt of your communication above referred to, I wrote to Mr. Upton on the subject (copy of my letter enclosed herewith), and I now beg to hand you copy of his reply, by which you will see that in his letter to Mr. Regan he had no intention of reflecting upon the Management of the Automatic Phonograph Exhibition Company. I am sure that Mr. Upton would be very pleased to learn that his explanation is received in the spirit in which it is given.

Yours very truly,

Private Secretary.

C O P Y.

Orange, N. J. Sept. 17, 1890.

My dear Upton,-

The attached correspondence explains itself. Please return it after perusal. Your letter to Mr. Egan is certainly very abrupt and conveys a suggestion which I am quite sure you could not have intended. Mr. Gottschalk, as you will see, has taken this matter very much to heart. Don't you think you ought to, at least, disclaim the intention to brand the officers of the Automatic Phonograph Exhibition Co. as cheats, which your letter accomplished in a very adequate manner?

Yours very truly,

A. G. Tate,
Private Secretary.

Francis R. Upton, Esq.,
Lamp Mfg. Dep't., Harrison, N. J.

COPY.

Harrison, N. J., [illegible]

Personal.

A. Q. Tate, Esq.,
Orange, N. J.

My dear Tate:-

I return letter of the Automatic Phonograph Exhibition Co., as well as copy of my letter.

I desire to state that my letter to Mr. Regan was based upon information sent me by Mr. Wangeman and Mr. Howell, namely, that the instruments at the Minneapolis Exposition were not cared for in a proper manner, and failed to work. Since that time, the instruments have been more carefully looked after, and are now giving satisfaction. I think that an instrument that will take money and yield no returns, should be very carefully watched, and should be strongly protested against, in case it continues. I was informed that this was the case and made my protest accordingly.

I wish you would write the officers of the American Phonograph Exhibition Co., and state that I have no intention of branding them in any way as cheats, or criticizing the Automatic Phonograph Co., in New York, beyond the fact of the lack of proper attention in Minneapolis.

At the Minneapolis Exposition, the automatic phonographs were scattered in various points of the building and did not

A. O. Tate, [redacted]

receive attention for long periods of time.

Recently, the automatic phonographs had been assembled in one spot, under the care of a competent person and are giving perfect satisfaction to all concerned.

I consider that the Automatic Phonograph Co. were the greatest sufferers by the bad performance of their apparatus at Minneapolis and that their interests were best served by a sharp letter, calling attention to the lack of proper attendance.

Yours truly,

(Signed) Francis R. Upton.

Oct. 9, 1890.

H. M. Livor, Esq.,

No. 19 Dey Street,

New York City.

Dear Sir:-

We beg to confirm the following telegram sent you from this office this morning:-

"Weight of new Ore Separator will be about six tons."

Yours truly,

Edison Laboratory.

By

Oct. 9, 1890.

P. F. Bolt, Esq.,

F r e d o n i a, Kansas.

Dear Sir:-

I return herewith U. S. Patent #433,269, for an improvement in Regulators for Dynamo Electric Machines, which you sent to Mr. Edison for his examination, together with your letter of 4th instant.

Mr. Edison is of the opinion that you will find it difficult to dispose of this patent. There are many different kinds of regulating devices, some of which are first class, but they don't seem to take in practice. The Edison Gen'l. Elec. Co. has half a dozen or more that are not used in connection with our dynamos. The parties in interest seem to prefer compound winding and to move the brushes in the ordinary way than by any automatic device.

Yours truly,

Private Secretary.

Oct. 9, 1890.

S. D. Greene, Esq., Ass't. to 2nd Vice-President,

Edison Gen'l. Electric Co.,

#16 & 18 Broad St., New York City.

Dear Sir:-

Mr. Edison has read your letter of 7th instant, as well as translation of letter from Dr. Kittler addressed to Mr. Philip Seubel, which latter is returned herewith.

In reply Mr. Edison says that he thinks it would be all right to give Dr. Kittler a table of the resistance of the armature field, weight of wire, volts, amperes, weight machine etc., etc., but no working drawings. If Mr. Seubel sends the data to Dr. Kittler, he can explain that the reason he does not send working drawings is because the Company controlling the machines objects to giving out drawings. Mr. Edison also says that it would be a good thing if Seubel would get from Mr. Stieringer all the general data relative to the twenie of our Stations.

Yours truly,

Private Secretary.

Oct. 10, 1890.

Mr. John Birkinbine,

No. 25 N. E. City Hall Square,

Philadelphia, Pa.

Dear Sir:-

I beg to confirm the following telegram sent you this morning by Mr. Edison in reply to your letter of 8th inst., relative to the Putnam County ore property:-

"Letter received. All right; shall consider it closed Thos. A. Edison."

Yours truly,

Private Secretary.

Oct. 10, 1890.

J. H. Harrick, Esq., Vice-President,

Edison Gen'l. Electric Co.,

#10 & 12 Broad Street, New York City.

Dear Sir:-

I have your letter of 8th instant in regard to canvassing Newburgh, N. Y., and in reply beg to inform you that I told Mr. Beckwith that I thought our Company would make the canvass for nothing. To do so it would only require one man two or three days. Half of the town is already canvassed and mapped, and the balance should be done. We have stock in the Newburgh Company, and if they would increase their plant a little more they would be saved from a disastrous consolidation and make money.

Yours very truly,

Thomas A. Edison

Oct. 10, 1890

Messrs. Dyer & Seely,

#36 Wall St., New York City.

Dear Sirs:-

I have your letter of 9th instant in regard to my Russian patent on the toy phonograph.

My impression is that Jacques did not assign and is going to bleed us. It seems strange that he should have got ahead of us. Is it not possible to put in a protest, stating that Jacques got this invention at my Laboratory and that he has no right to a patent? They have discretionary power there and I am solid with the Czar.

Yours very truly,

Thomas A. Edison

Oct 11/90

My Dear Mr Childs

I have your kind letter of 9th just inviting me to dine with the Camera Club on Thursday the 22nd. I should very much like to attend but I fear I cannot. One hundred experiments keep me busy. Some day I shall get out of bondage and go around and see what our Planet looks like,

Yours truly

Thos A Edison

Oct. 11, 1890.

J. W. Mackintosh, Esq.,
87 Milk St., Boston, Mass.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:

"Borgfeldt and self go on Monday night. Please arrange meeting ten Tuesday morning if Mr. Stevens can attend that hour; otherwise afternoon. A. O. Tate."

"Away yesterday, have done nothing. Is Borgfeldt coming on here? J. W. Mackintosh."

Yours truly,

Private Secretary.

Oct. 13, 1890.

J. W. Mackintosh, Esq.,

87 Milk Street, Boston, Mass.

Dear Sir:-

I beg to confirm receipt of the following telegram received from you to-day 4 : 10 p. m.:-

"All glad to see you and Borgfeldt Tuesday eleven o'clock; Stevens will attend; Hutchinson denies asking Madden for proxies. J. W. Mackintosh."

Yours truly,

Private Secretary.

Oct. 11, 90.

Samuel Insull, Esq., 2nd Vice-President,

Edison General Electric Co.,

Schenectady, N. Y.

Dear Sir:-

I beg to confirm the following telephone messages which passed between yourself and Mr. Edison to-day:-

FROM MR. INSULL TO MR. EDISON: Our railroad people think it very important that you attend the Railroad Convention to be held at Buffalo, starting Wednesday morning next. Is it possible for you to take the six o'clock train Tuesday night for Buffalo, remaining there Wednesday and Thursday and be home Friday morning? All our opponents will be very active there. If you can attend personally our people think that our business will be beneficially affected by your visit. Please reply by telephone to Schenectady.

MR. EDISON TO MR. INSULL: Who is going on the train referred to in your message?

MR. INSULL TO MR. EDISON: Tell Mr. Edison that Mr. Muir is going to Buffalo, and I will go along too if Mr. Edison will go. My previous message was sent at Mr. Muir's request, and he is very much impressed with the importance of Mr. Edison being there.

Yours truly,

Private Secretary.

Oct. 11, 1890.

My dear Master Hofmann,-

Your letter of 10th ultimo was duly received. The two musical records which you mention as having sent to Mr. Edison, were never received by him, and they must have gone astray. We are having a funnel specially made for you, and when it is ready we will send it forward to you at Berlin. You will doubtless be able to obtain good results with this funnel when you receive it. We will also send with the funnel the 50 blank cylinders which you request in your letter under reply.

In reply to your question, I beg to inform you that the cutting knife, reproducing point and recording point are all made of sapphire.

Yours very truly,

Private Secretary.

Master Josef Hofmann,
Potsdamer Strasse 64,
Berlin, Germany.

Oct. 16, 1890.

C. H. Morison, Esq., Secretary,

Edison United Phonograph Company,

Mills Building, New York City.

Dear Sir:-

I return herewith the applications for patents for Victoria and Queensland, which were enclosed with your letter of 9th instant, duly executed by Mr. Edison before Notary Public, the latter's signature being certified to by County Clerk.

Yours very truly,

Private Secretary.

Oct. 13, 1890.

Samuel Insull, Esq.,

#16 & 18 Broad Street,

New York City.

Dear Sir:-

Mr. Edison has received notice of a special meeting of the Board of Directors of the Edison United Phono. Co. to be held at their office in the Mills Bdg., New York, on Wednesday afternoon, Oct. 15th, 1890, at two o'clock; the object of the meeting is to pass upon rights for Brazil; also affairs of Foreign Committee and other matters.

Yours truly,

Private Secretary.

Oct. 18, 1890.

Gen'l. Daniel E. Sickles,

#23 Fifth Avenue,

New York City.

Dear Sir:-

Mr. Edison received your letter of yesterday, introducing your Secretary, with whom he arranged for the visit of the Count de Paris and Suite to the Laboratory on Monday next, 20th. instant. Mr. Edison will be pleased to receive the Count and will do what he can to make his visit interesting.

Yours truly,

Private Secretary.

Oct. 14, 1890.

My dear Dyer,-

I enclose herewith a letter from an official of the Government of the West Indies, in Antigua. This is a sample of a number of letters that we have been receiving lately from these Islands in regard to the treatment of fibre leaves, which is an industry which the Governor, Sir. Ambrose Shea, is endeavoring to establish. Mr. Edison has a method, as you know, for the treatment of fibre leaves. Can we protect it by patent?

Yours truly,

Private Secretary.

Richard N. Dyer, Esq.,
#26 WALL St., New York.

Oct. 13, 90.

N. E. Smith, Esq., C. T. D.,

N. Y., N. H. & H. R. R. Co.,

New Haven, Conn.

Dear Sir:-

Replying to yout letter of 4th instant, I beg to inform you that we have a new doll which Mr. Edison has recently perfected and which dealers say is entirely satisfactory to the trade. We are looking forward to a very large business in this article. The Edison Phonograph Toy Mfg. Co. holds a license to sell these dolls throughout the world.

Yours very truly,

A. B. Tate
Pr.

Oct. 14, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned to you this morning:-

"See Marcus and ascertain if North American cannot advance on account ten or fifteen thousand. I am very much dissatisfied."

Yours truly,

Thomas A. Edison

Jr.

Oct. 14, 1890.

S. D. Greene, Esq., Ass't. to 2nd Vice-President,

Edison Gen'l. Electric Co.,

#16 & 18 Broad Street, New York City.

Dear Sir:-

With reference to your letter of 10th instant addressed to Mr. Edison, asking for information in regard to the designs for the Alternating current Multipolar Dynamos, I beg to inform you that Mr. Edison, Mr. Kennelly and Mr. Phelps were working on this matter last night, and the design for the machine was decided upon. Messrs. Kennelly and Phelps are to see that the design is carried out, and sent to Schenectady.

Yours very truly,

Private Secretary.

Oct. 14, 1890.

Jesse Seligman, Esq.,

Mills Building,

New York City.

My dear Sir:-

With reference to the enclosed letter, which please return after perusal, received from Mr. Edwin H. Fox, in regard to a phonograph for the King of Greece, what do you think of presenting a phonograph, with 20 musical cylinders, to each of the following persons:

King of Greece.
Sultan of Turkey.
King of Italy.
President Carnot.
King of Portugal
King of Sweden.
King of Belgium.
Emperor of Austria.

Do you think it would pay?

Yours very truly,

Thomas A. Edison

Oct. 15, 1890.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

I have your letter of 13th instant, stating that in response to verbal instructions from Mr. Edison you are about to allow French patents #187,124 and 187,125, relating to pyro-magnetic generators and motors, to lapse, by not paying the 4th years annuity, and that their expiration will not affect the corresponding U. S. Patents. I have submitted your letter to Mr. Edison and he says that it is all right to let the patents referred to above lapse.

Yours very truly,

Private Secretary.

Oct. 15, 1890.

Messrs. Dyer & Seely,

436 Wall Street,

New York City.

Dear Sirs:-

Mr. Edison has read your letter of 13th instant, in regard to his Russian patent on the toy phonograph, and in reply he says, all right, he will assign the patent mentioned to the Toy Company.

Yours truly,

Private Secretary.

Oct. 15, 1890.

Samuel Insull, Esq.,

16 & 18 Broad Street,

New York City.

My dear Sir:-

I have your letter of 13th instant in regard to a conversation which I had with Kathsaw when he was in this country about exhibiting the phonograph at Frankfort, Germany.

I don't want to go to the expense of showing the phonograph in the Exposition at Frankfort. Suppose you see the Seligmans about the matter. Fifteen machines and one expert--say Wangemann--would do the business; the Exhibition people furnishing the girls and paying Wangemann; we, that is the Edison United Phonograph Company, furnishing the phonographs, batteries, cylinders etc.

Yours very truly,

Thomas A. Edison

Jr.

Oct. 15, 1890.

Major S. R. Eaton,

120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 13th instant, referring among other things to the Meter Suit, and asking Mr. Edison what he thinks of Mr. H. L. Brevoort as an expert to testify in the suit mentioned. In reply Mr. Edison says that he thinks Brevoort is a first class man.

Yours very truly,

Private Secretary.

Oct. 15, 1890.

Edison United Phonograph Company,

Mills Building,

New York City.

Dear Sirs:-

Re Bill of Eaton and Lewis. Mr. Insull says that you have referred this matter to me for decision. I believe that you do not object to the amount of the bill, but you think it ought to be paid by my side of the house. I always understood this matter as Mr. Eaton says in his letter he did, that his services were rendered to you and that you would pay for them. He has not included in this charge services which his firm rendered to myself or to the Edison Phonograph Works. My opinion is that you should pay the bill, and considering the vigor and value of the services rendered, I am sorry there has been so much delay.

I enclose Mr. Eaton's letter to me of June 19th, and Mr. Insull's letter of June 21st, together with a copy of the bill.

Very truly yours,

Thos A Edison

Messrs. Drexel, Morgan & Co.,

New York City.

Oct. 15, 1890.

Dear Sirs:-

Will you please give Mr. Butler, who will hand you this note, a complete list of all the railroad and City bonds belonging to me now in your possession, showing the number of each bond and the par value of the same, and oblige

Yours very truly,

Thos A Edison

Oct. 15, 1890.

Dr. Graeme M. Hammond,

#58 West 46th Street,

New York City.

Dear Sir:-

Mr. Edison has received your letter under date 11th instant, in regard to the use of his current for medical purposes, and in reply he desires me to say that, supposing it were possible for the main conductors to be crossed with a high tension current, the only way the patient could be injured would be by leakage through a wet carpet, and I don't suppose you will operate with a wet carpet. With the low tension current you could give the patient quite a little jar if the resistance became broken so there would be a difference of 100 volts between your electrodes. I should solder the joints. If you want to remove all doubt as to danger, you can use your electrode to charge two or three cells of storage battery, then disconnect and apply the current generated by the battery. Storage batteries used in this way would last for years.

Yours truly,

Private Secretary.

Oct. 16, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

#16 & 18 Broad St., New York City.

Dear Sir:-

Mr. Edison has received your letter of 14th instant, enclosing copy of communication received by the General Company from Messrs. Dyer & Seely, with reference to the allowance of an application for patent of William Holzer, Esq., the fees in connection with which were paid by the Lamp Company.

In reply, Mr. Edison desires me to say that you had better allow the patent in question to become forfeited, as it has little value, and we could never get it from Mr. Holzer.

Yours very truly,

Private Secretary.

Oct. 16, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

#16 & 18 Broad St., New York City.

Dear Sir:-

Mr. Edison has instructed me to return to you the attached correspondence from Mr. J. C. Henderson and Mr. A. E. Kennelly, in regard to the "White-Wilkington Recording Ammeter," the same having been enclosed with your letter of 14th instant.

Mr. Edison says that the Company might arrange to take the Meter referred to on a royalty basis of 15% on shop price, not exclusive, with the right to make or not as we please.

Yours very truly,

Private Secretary.

October 17, 1890.

Major S. B. Eaton,

[illegible]

New York.

Dear Sir:-

I enclose herewith copy of Agreement between the North American Phonograph Co., Jesse H. Lippincott, and the Edison Phonograph Works, under date August 1st, 1888, and beg to call your attention to the first clause of the same, by which the Edison Phonograph Works is given the exclusive right to manufacture the Phonograph and the various devices and apparatus used in connection therewith and supplies therefor in perpetuity.

I am informed and believe that certain licensee Companies are purchasing from manufacturers other than the Edison Phonograph Works, apparatus for use in connection with the phonograph, to wit, attachments designed to operate the machine automatically by the insertion of a nickel coin, and also supplies in the form of musical records.

I desire to obtain from you at your earliest convenience your opinion as to whether the North American Phonograph Company and

these licensee Companies are not compelled under the agreement above mentioned to purchase all apparatus and supplies solely from the Edison Phonograph Works, it being my intention should I so arrive at an affirmative decision to formally notify the North Am. Phonograph Company and Jesse H. Lippincott that the said agreement is being violated, and to demand the discontinuance of the breach.

Yours very truly,

Thomas A. Edison

October 17, 1890.

The H. H. Claflin Company,

Church St., Worth St. & W. Broadway,

New York City.

Dear Sirs:-

Your letter of 16th instant in regard to an oil painting received by your Company for Mr. Edison from Mr. A. L. Anderson, of Paris, has come to hand in the absence of Mr. Edison, as did your previous letter of 9th instant on the same subject. Mr. Edison is expected to return to the Laboratory in the course of a few days, when the matter will be immediately brought to his attention. In the meantime I would ask you to be good enough to have the picture forwarded to Mr. Edison at Orange, N. J.

Thanking you for the kind attention which you have already given this matter

I am, yours very truly,

Private Secretary.

October 17, 1890.

Thomas B. Connery, Esq.,

L l e w e l l y n P a r k,

N. J.

Dear Sir:-

I enclose herewith for your information translation of a letter received by Mr. Edison from Senor Rubio, acknowledging receipt of the phonograph which was presented to him.

Yours very truly,

Private Secretary.

T R A N S L A T I O N.

H a v a n a, 6th September, 1890.

Señor Don Thomas A. Edison,

New York.

Dear Sir:

It has arrived to my hands in perfect condition the Phonograph which your Highness has been so good to send to me. I deem it useless for me to say that I shall preserve the marvellous invention as a precious recollection of its Illustrous Author who honors me with his friendship.

(Signed) R o m e r o R u b i o.

Major S. H. Eaton,
#120 Broadway, New York.

Oct. 17, 1890

Dear Sir:-

Replying to your memorandum of 15th instant, in regard to an expert in nickel plating to testify in the Feeder Case, in place of Mr. Hochhausen who has notified you that he is unwilling to testify, Mr. Edison says to ask Weston, also Phelps, Chief Draughtsman for Henderson.

Yours truly,

Private Secretary.

Orange National Bank,
Orange, N. J.

Oct. 17, 90.

Dear Sirs:-

Please credit my account with the enclosed check for twenty dollars.

Yours truly,

Major S. B. Eaton,
#120 Broadway, New York.

Oct. 17, 1890

Dear Sir:-

Mr. Edison has received your memorandum of 15th inst., informing him that the Patent Litigation Committee decided to refer the question of our bringing suits immediately on patents to the Board of Directors of the General Company, and in reply says that all he desires is to inexpensively start the suits--not press them.

Yours truly,

Private Secretary.

Prof. Wm. D. Marks,
Edison Electric Light Co.,
Philadelphia, Pa.

Oct. 17, 1890

Dear Sir:-

Mr. Edison has instructed me to thank you for the copy of your report to the President and Directors of the Edison Elec. Light Co. of Philadelphia under date 15th instant, which you kindly sent to him.

Yours truly,

Private Secretary.

October 17, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Genl. Electric Co.,

#16 & 18 Broad St., New York City.

Dear Sir:-

Mr. Edison has read your letter of 15th instant, in regard to drawings for the new small motors, and in reply says that the drawing of first model was finished three weeks ago; the model is being made here and is already half finished; when completed it will be forwarded to Schenectady.

Yours truly,

Private Secretary.

October 17, 1899.

Messrs. Hale & Fiske,

#10 Tremont Street,

Boston, Mass.

Dear Sirs:-

Re Welch vs. Edison. I enclose herewith Affidavit duly executed by Mr. Edison for use in the case mentioned. This paper was sent to Mr. Edison for his signature by Messrs. Zabriskie and Lewis, with instructions to forward the same to yourselves. Please acknowledge its receipt, and oblige

Yours truly,

Private Secretary.

October 13, 1890.

Jesse H. Lippincott, Esq., President,

North Am. Phonograph Co.,

New York City.

Dear Sir:-

In regard to auditing the Laboratory accounts, Mr. Edison expected that you would have sent your Auditor here long before this. As I informed you in my previous letter on this subject, he is very anxious to have this matter settled immediately and I would be much obliged if you could write me by return mail in regard to it.

Yours truly,

Private Secretary.

Oct. 18, 1890.

Messrs. Eaton & Lewis,

#120 Broadway,

New York.

Dear Sirs:-

Re Welch Case. With reference to your letter of 16th instant, I telephoned to your office yesterday afternoon, to know if Mr. D'Infreville and your Mr. Lewis could not come out to the Laboratory this morning instead of Mr. Edison going into New York. Your Mr. Hodgkins, who took the message, promised to telephone us an answer this morning, but as yet we have heard nothing in regard to the matter. Please inform me if it will be convenient for your Mr. Lewis and Mr. D'Infreville to come out to Orange and see Mr. Edison, who will be glad to render them all possible aid in the case mentioned.

Yours very truly,

Private Secretary.

Oct. 20, 1904.

Wm. M. Ivor, Esq.,

No. 19 Day Street,

New York City.

Dear Sir:-

I have your letter of 18th instant, in regard to disposing of some of our machinery at Beckwellsville to Dr. Hurtzell. The Beckwellsville Separator will not work Bittenhouns one, and I think we will be able to use everything we have there before very long. At any rate, there is no use of our selling mills, crusher, screens etc. only to buy them back again.

Yours very truly,

[illegible]

October 20, 1890.

Samuel Insull, Esq.,

#15 & 16 Broad Street,

New York City,

Dear Sir:-

I return herewith duplicate copies of a letter, dated October 13th, 1890, addressed to the Edison United Phonograph Co., requesting that a meeting of the Board be called for December 14, 1890, for the purpose of amending the By-laws, both copies of which have been signed by Mr. Edison. I also return letter from Major Eaton, dated 15th Oct., 1890, addressed to yourself, the same having been enclosed with your letter of 17th instant, together with the letter in duplicate mentioned above.

Yours truly,

Private Secretary.

October 20, 1900.

The E. S. Claflin Company,

Church St., Worth St. & W. Broadway,

New York City.

Dear Sirs:-

I beg to acknowledge the receipt of your favor of 18th instant, informing me that the picture received by your Company from Mr. A. A. Anderson of Paris, for myself, would be forwarded to me at Orange to-day.

I enclose herewith check to the order of Mr. John Claflin, for twenty-five hundred and sixty-five dollars, in payment of Mr. Anderson's bill ($2500), and the freight from Havre, also the duty on the frame and Custom House expenses--in all about $65--in accordance with your letter of 9th instant. Kindly acknowledge receipt of check.

I beg to thank you for the prompt attention which you have given to this matter and for the trouble which you have taken in regard to it.

Yours very truly,

[illegible]

Letterbook, LB-045

This letterbook covers the period October-December 1890. Most of the correspondence is by Edison and Alfred O. Tate. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are numerous letters pertaining to the business of the Edison Phonograph Toy Manufacturing Co. and to Edison's unsuccessful attempt to gain control of that company. There are also many letters concerning the affairs of the Edison Phonograph Works and the Automatic Phonograph Exhibition Co. In addition, there are documents relating to mining and ore milling, mimeograph sales, electric lighting, and electric traction systems. Other letters deal with the formation of the Edison Industrial Works and the Swedish Edison Company. There are a few letters about Edison's family and his personal affairs, including the terminal illness of his brother, William Pitt, and his efforts to rent or sell the laboratory and grounds at Menlo Park. Beginning on page 81 is a three-page list of experiments billed against the Edison General Electric Co. for the period January-September 1890. The front cover is labeled "Thomas A. Edison General Letter Book Indexed." The book contains 503 numbered pages and an index. Approximately 25 percent of the book has been filmed.

Oct. 21. 1890.

Joseph Wetzler, Esq.,

#150 B r o a d w a y ,

New York City.

Dear Sir:-

Replying to your letter of 16th instant, the "Edison Industrial Works" have been incorporated, but the organization of the same is not yet completed. The Edison Industrial Works will control certain factories which are to be erected at Silver Lake, New Jersey. The head office of the Company will be located at Orange.

Yours very truly,

Private Secretary.

Oct. 21/90

Pattison Bros.
27 Park Row New York
Dear Sirs

Please send credit bill for 6 chain Pump Brackets @ 12¢ each - 72¢ charged on your bill Sept. 4th 1890 our messenger never got these things.

Yours truly
T. Edison Laboratory

Oct 28/1890

Major =
I think we should
Send at once our Ogden
Lenses and all other
Lenses or we may get
in very bad trouble
Edison

October 21, 1890.

Benj. F. Stevens, Esq., President,

Edison Phonograph Toy Manufacturing Co.,

No. 95 Milk St., B o s t o n , Mass.

Dear Sir:-

As a majority of the present Board of Directors of the Edison Phonograph Toy Manufacturing Company has decided that the wishes of the stockholders would not be carried out by the election of the gentlemen whose names were submitted by me to serve as Trustees for the ensuing year, viz: Messrs. Stevens, Mackintosh, and Richmond in Boston, and myself and Messrs. Borgfeldt, Insull and Tate in New York, the opinion prevailing that a majority of the Board should be selected from among the stockholders in Boston; and as I am absolutely unable to carry out the plan submitted informally to the Board and viewed with so much favor by all its members, except by arranging representation in the manner originally proposed, I have determined to bring the matter to the attention of the stockholders so as to place upon their shoulders the responsibility of decision.

The question at issue is of the gravest importance; the

business of the Company can only be continued by the adoption of some scheme to secure funds. The failure of all efforts that have so far been made to borrow money on assets in the shape of merchandize gives little or no hope of success in that direction. No one will subscribe at par for the unissued stock, and it cannot be sold for less. The assessment of the stockholders has several times been mentioned, but that I believe to be impracticable, as a great many of them would doubtless be unwilling to respond; therefore this plan would fail for want of unanimity.

The proposition I have made, which embodies a provision for securing ample funds without sacrificing any of the Company's property, enabling manufacture to be resumed at once, and affording an extensive and immediate market for our product both here and abroad, can I believe be carried out, and it seems to me that it would be most unwise to defeat this scheme solely upon the ground that the business should be conducted in Boston and that the Directors meetings should be held there. The records of the Company will be just as accessible to the stockholders whether they be located in Boston or New York.

On the other hand, I do not wish to be understood as insisting personally upon the adoption of the plan I have proposed. I do not however that I am called upon in any way whatever to assume a paternal attitude towards the Company. My responsibility is identical with that of each of the other stockholders - no more and

no less--and in submitting my views I simply avail myself of a privilege which is the right of every stockholder at the Company's annual meeting.

Yours very truly,

Thomas A. Edison.

Oct. 21, 1890.

Jesse J. Barker, Esq., Actuary,

The Penn Mutual Life Insurance Co.,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison has read your letter of 11th instant, in which you request him to give you some idea as to the branches of the electrical business in which fatal accidents are likely to occur, and to explain which branches are perfectly safe.

In reply, he has instructed me to say that high tension alternating wires and high tension arc light wires, overhead, are dangerous, and persons whose duty it is to attend to such wires or who are in any way liable to come in contact with the same, are certainly exposed to risk. On the other hand, low tension systems are always safe, and certain high tension systems where an even current is used and where the wires are buried and not exposed to the public, are attended with a comparatively small amount of danger.

Yours truly,

Private Secretary.

October 21, 1890.

John Claflin, Esq.,

Church St., Worth St. & W. Broadway,

New York City.

Dear Sir:-

I am much obliged for your letter of 21st instant, enclosing your check to my order for $2.26, also receipted bill for Mr. Anderson's picture entitled "Morning after the Ball."

Yours very truly,

Thomas F. Bolden
Jr.

October 22, 1890.

Samuel Insull, Esq.,

#16 & 18 Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned you from this office to-day:

"Total value phonographs and cylinders shipped July, August, September $62,156.25; value of parts same period and in addition $2,652.46; number phonographs shipped July 294, August 436, September 488, total 1,272. Repair account is wiped out. I have statement in detail. A. O. Tate."

Yours truly,

Secretary.

October 22, 1890.

L. T. Hoods, Esq.,

Saltillo, Mexico,

Dear Sir:-

Your letter of 15th instant in regard to Mr. Edison's process for the treatment of the Agave family of plants, is at hand, and in reply Mr. Edison has instructed me to say that his process requires tanks holding several hundred tons each of leaflets in bundles; the action requires two and a half weeks; there is no loss of fibre or material; the tensile strength is 20 per cent greater than by ordinary process. Mr. Edison will not deal with stock companies, but only with firms.

Yours very truly,

Private Secretary.

October 23, 1890.

My dear Weld,-

I have given a letter to my Assistant, Mr. W. S. Logue, asking you to give him permission to make a transcript of your list of stockholders. I am preparing a circular which we intend submitting to them, but cannot have it ready in time to send you a copy to-night. I expect to finish it to-morrow, and will either take or forward copies of the same to you at Boston. We have been absolutely unable to make any arrangement excepting on the original basis which I proposed, in Mr. Edison's name, when I first went to Boston. I hope that there will be no feeling among the present Directors other than that a very important question has arisen in deciding which the responsibility should be placed upon the shoulders of the stockholders. Mr. Edison and myself will appreciate any courtesies which you may extend to Mr. Logue.

Yours very truly,

Private Secretary.

Daniel Weld, Esq., Sec'y.,
Edison Phono. Toy Mfg. Co.,
Boston, Mass.

Oct 23rd/90

My dear Insull:

— Here is the Jay Phono: matter as it will be sent out. My feeling is that even if we fail to secure the control sought Mr Edison's position in the eyes of the Stockholders and the public will have been bettered. Should more vigorous action be required later on no one will be able to complain of having been left in the dark as to the Company's affairs.

Yours very truly

Samuel Insull Esq
16 Broad St
New York

October 23, 1890.

Samuel Kyle, Esq., Ventilating Engineer,

Backus Water Motor Co.,

Cor. Hamilton St. & N. J. R. R. Ave., Newark, N. J.

Dear Sir:-

With reference to your letter of 21st instant, Mr. Edison has been trying to accomplish the result which you speak of for a long time. He has the same trouble from frictional electricity on the phonograph cylinders. He first encountered the difficulty on the paper of his Automatic Telegraph System, and he has not yet been able to overcome it.

Yours truly,

Private Secretary.

Oct 24 '90

Alexander Elliott Jr.
Paterson N.J.

Friend Elliott,

Mr. Edison has given me instructions to make the survey of the Ogden property in my own way and to get from you that paper I need that you now have. I request, therefore, that you send me at once the copies of deeds from Morristown, Perth Amboy and Newton that were sent to you from here.

I regret that you have, by denying me my rights, forced me to ask Mr. Edison for a decision as to whether I have charge of this survey or you and that it must be decided one way or another. The truth of the matter is, I found it impossible to proceed without having access to all records obtainable, which I might be called upon to consult. When I suggested to Mr. Edison that you could get me all the copies I needed I supposed you would be pleased to devote such time as you could spare to making those copies. Instead

of doing that you assumed to dictate to me what I should have and what I needed and what I should do, and on several occasions to censure me for attending to my business. The result is I shall not call upon you for any further assistance on this job, except to turn over to me the papers referred to above. When I have finished my work, it will probably all be turned over to you and I hope you will find it in a little better shape to examine than the condition in which I get it. In the meantime you will probably have all you care to attend to in the matter of leases.

I trust that you will consider this matter as it is, a difference of business, and that you will not allow it to disturb our friendly relations nor to interfere with any other business matters we have in common. You certainly cannot blame an action on my part for which you alone are responsible.

Inclosed I send lease taken by me on

Lawning property of which I have spoken before. Please prepare lease in proper form for the company also release or whatever paper I am to sign. Leave blank in new lease the place for description of grounds as this one is not correct and a new one will have to be made from survey. Call on me for any assistance I can render.

Yours truly
C. J. Reed

Oct. 24, 1890.

Pierre Richmond, Esq.,

Hotel Imperial,

Broadway & 32nd St., New York City.

Dear Sir:-

With reference to your letter without date addressed to our Mr. Kennelly, I beg to inform you that Mr. Edison will be pleased to see you at the Laboratory in Orange any day that you find it convenient to visit him there.

I telegraphed you on the 18th instant, addressing you at the Hoffman House, New York, making an appointment for Tuesday afternoon last, but the despatch was evidently not received by you.

Yours very truly,

Private Secretary.

October 24, 1900.

Major S. B. Eaton,

1120 Broadway,

New York City.

Dear Sir:-

I have read your letter of 23rd instant with relation to existing railway patents on electric railways, in which you ask me what I would think of an arrangement being made for an exchange of licenses between ourselves and the Thomson-Houston Company. Considering that we have just given up an arrangement with these people on account of their treachery, I do not think it would be desirable to enter into another deal with them. It is dangerous to negotiate with people who exhibit bad faith.

Yours very truly,

[illegible]

October 24, 1890.

Major S. B. Eaton,

#120 Broadway, New York City.

Dear Sir:-

Your memorandum in regard to Railway Truck Patents is at hand. I want Mr. Vansize to look over the truck designed by Phelps, Henderson's chief draughtsman. As we are about to build it, I want it compared with the patents he has been looking over, to see that we are reasonably sure of freedom from any infringement.

Yours very truly,

October 24, 1890.

Samuel Insull, Esq.,

#16 & 18 Broad Street,

New York City.

Dear Sir:-

On the 14th of August, 1890, Mr. Edison gave his check for $3,500 to the Automatic Phonograph Exhibition Company. As I understand this transaction, the payment was a loan. Should we not have some acknowledgement of the debt from the Automatic Company?

In regard to check of 7th July, 1890, for $3,000, and check of July 16th, 1890, for $3,207.74, the information given in Mr. Butler's letter of September 2nd to Mr. Randolph, to the effect that this money was used for the "Phonograph Syndicate," is very meagre. Mr. Edison has frequently complained about our not having full information on our books in connection with payments of this character, and you will oblige me by giving the details of this transaction, so that a full entry can be made upon our records.

Yours very truly,

Private Secretary.

October 24, 1890.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

I beg to confirm the following message which was transmitted to you this afternoon by telephone:-

"Please ship nothing for account Toy Phonograph Company until further notice."

Yours very truly,

October 24, 1890.

W. S. Perry, Esq., Secretary,

The Edison Ore Milling Co., Limited,

#16 Broad St., New York City.

Dear Sir:-

I beg to acknowledge the receipt from you of Stock Certificate No. 1137 of the Edison Ore Milling Co., Limited, for 1,250 shares of the Capital Stock, the same being sent to me as part payment on account of my bill against your Company.

As stated in your letter, the above certificate computed at twenty dollars per share, represents a total value of twenty-five thousand dollars ($25,000).

Yours very truly,

Thos A Edison

October 25, 1890.

Dear Mr. Tate,-

I telegraphed you from New York at two o'clock this afternoon as follows:

> "Have seen Borgfeldt, who says there is no material change in state of affairs; Executive Committee called on him yesterday and asked if he would act upon four New York Directors, and he replied that he did not, but what he did point upon was that if he were elected to the Board the meetings should be held in New York; that it was immaterial to him whether he was elected or not."

The above despatch embodies all that transpired at my interview with Mr. Borgfeldt. The Executive Committee of the Toy Phonograph Company called upon him yesterday (Friday), and in answer to their questions he informed them that he had no particular desire to be on the Board, and that he would not accept a position on the same unless their meetings were held in New York City, for the reason that it would be impracticable for him to be present at their deliberations were they to meet in Boston. I asked Mr. Borgfeldt if the Committee's visit to him had in any way changed the status of affairs and he replied that it had not.

A. O. Tate, Esq. -2- October 25, 1890.

I told him that I proposed telegraphing you as above, and he stated that such a telegram would reflect practically all that occurred at the consultation between himself and the Executive Committee.

Nothing of importance has come up at the Laboratory since your departure.

Yours very truly,

Thos. A. Edison

A. O. Tate, Esq.,
Adams House,
Boston, Mass.

October 27, 1890.

John Kreusi, Esq., Gen'l. Manager,

Gen'l. Mfg. Dept., Edison Gen'l. Electric Co.,

Schenectady, N. Y.

Dear Sir:-

This letter will be handed to you by Mr. C. W. Platt, who is employed in the Chemical Department of the Laboratory, and who will show your men the proper method of oxidizing iron wire. Mr. Platt will remain at Schenectady until such time as you consider that your people are sufficiently familiar with the operation to take care of it themselves.

Yours very truly,

Thos A Edison

September 27, 1890.

My dear Mr. Seligman,-

Your letter of 24th instant in regard to the Menlo Park property is at hand.

In reply I beg to inform you that I will rent the Laboratory and Laboratory grounds at Menlo Park for the sum of one thousand dollars ($1,000) per year, or will sell the same for ten thousand dollars. The land and buildings cost twenty-six thousand dollars, net including fixtures, some of which are still there.

I have another large block of land, ten or twenty acres--I forgot which--situated near the Laboratory at Menlo, for which I paid five thousand dollars cash; I will sell this for three thousand, five hundred dollars ($3,500).

Yours very truly,

[signature]

James Seligman, Esq.,
New York City.

October 27, 1890.

S. D. Greene, Esq.,
Assistant to 2nd Vice-President,

Edison General Electric Company, New York City.

Dear Sir:-

In reply to your letter of 24th instant, with relation to the designs for the small multipolar motors, Mr. Edison has instructed me to say that the 1/8 horse power model is nearly completed at the Laboratory, and that all the other sizes will be made from this model.

Yours very truly,

Private Secretary.

October 27, 1890.

Thomas E. Connery, Esq.,

Llewellyn Park,

N. J.

Dear Sir:-

With reference to your note of 18th instant, in regard to the removal and prevention of steel rust on war ships, I have spoken to Mr. Edison upon this subject and he tells me that nickel steel will rust.

Yours very truly,

Private Secretary.

Edison Electric Light Company,

St. Paul, Minn.

Dear Sirs:-

This will introduce to you Mr. Pierre Richemond, son of the great French engine builder. He would like to see your Central Station.

Yours very truly,

Thos A Edison

Letters similar to the above were addressed by Mr. Edison to Prof. Marks, Phila., C. L. Edgar, Boston, Jno. I. Beggs, Chicago, and U. S. Electric Lighting Co., Washington, D. C.

M.

October 28, 1890.

My dear Insull,-

This letter will be handed to you by Mr. Pierre Richemond, of Paris, son of the great French engine builder. Mr. Richemond is desirous of seeing our Central Stations, and I would ask you to be kind enough to give him letters of introduction to your various District Managers. I have already given him letters to Messrs. Krousi, Marks, Beggs and Edgar; also to the U. S. Electric Lighting Co., Washington, D. C., and to the Light Company in St. Paul.

Yours very truly,

T. A. Edison

Samuel Insull, Esq., 2nd Vice-Pres't.,
Edison Gen'l. Electric Co., New York.

October 28, 1890.

John Krousi, Esq., Gen'l. Manager,

Edison General Electric Company,

Schenectady, N. Y.

Dear Sir:-

This will introduce to you Mr. Pierre Richemond, son of the great French engine Builder. He would like to see ~~your central station~~ the works

Yours very truly,

Thos A. Edison

October 28, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Co.,

#16 & 18 Broad St., New York.

Dear Sir:-

I enclose herewith explanation of experiments conducted at the Laboratory from Jan. 1st 1890 to September 1st, 1890 for the Edison General Electric Company, bills for which have been rendered.

Yours truly,

Private Secretary.

EXPLANATIONS OF EXPERIMENTS BILLED AGAINST THE EDISON GENERAL ELECTRIC COMPANY, January 1st, 1890 to September 1st, 1890.

Experiment No. 415, Batchelor Special
" " 442, Process for Purifying Syrian Asphalt
" " 426 New Furnace for C. A. Brown
" " 422, Carbon Experiment

The four experiments above mentioned are for the Lamp Manufacturing Department.

Experiment No. 438, Feeder Patent Exp.

This represents work performed in connection with Legal Feeder Patent litigation, for Mr. Jencks.

Experiment No. 379, Determination of Conductors.

These are determinations Edison Systems in Milwaukee, Cincinnati etc.

Experiment No. 406, Soot Exp.

This was an experiment to ascertain whether the ejection of soot from a smoky chimney could be reduced, with particular reference to the 39th St. Station.

Experiment No. 303, Resistance of Wires.

To determine the resistance of wires at different temperatures.

Experiment No. 126, Vulcanite Solvent.

Experiment, No. 151 Wrought Iron.

Experiment No. 28, STORAGE BATTERY.

Experiment No. 367, Insulation test on Gutta Percha, for NEW YORK Works.

Experiment No. 355, Insulation test for Mr. Insull; New York Works.

Experiment No. 167, Meter Exp., self explanatory.

Experiment No. 194, Physiological; experiments conducted in connection with death by electricity.

Experiment No. 428, Model Motor Meter; This was work performed in connection with the construction of a meter for litigation purposes. The meter will also be employed commercially by the Edison Gen'l. Company. Model furnished.

Experiment No. 425, Test on Trolley Wire; work done in determining the strength and conductivity of trolley wire for Edison Gen'l. Elec. Co. Reports furnished to Gen'l. Co.

Experiment No. 419, Testing Lightning Arresters; self explanatory,

Experiment No. 417, Model Transformer and Tools; Transformer has been remodeled and finished, and is now on test.

Experiment No. 411, Lighting Lamps with Intermittent current; Experiment for Mr. Edison.

Experiment No. 394, Standard Copper Resistance; This was work done for New York Works; standard resistance made and furnished to Works.

Experiment No. 392, Winding bobbins for Siemens Alternating Machine; for Edison Gen'l. Elec. Co. alternating current work.

Experiment No. 403, Standard Clark Cells; furnished Standards to New York Works.

Experiment No. 400, Permeability of Cast Iron and Mitis; work done for Schenectady Works and curves and data furnished.

Experiment No. 376, Alternating and Straight current machine, in connection with alternating current work.

Experiment No. 378, Alternating Transformer, Westinghouse Pattern; work done in testing and improving upon Westinghouse Transformer.

Experiment No. 388, Dynamometer to test No. 20 Dynamo; work done to test commercial efficiency of No. 20 dynamo.

Experiment No. 145, Transformer; Experiments made on continuous current transformer of 2 different types. Machines made, but actual designs altered.

Experiment No. 369, New Style Lamp Socket; made at suggestion of Mr. Insull; model furnished to New York Wks. with explanation and sketches.

Experiment No. 401, Test on New meter made in connection with Experiment No. 167.

Experiment No. 356, Insulation test on Bonsilate; tests made for Bergmann & Co. on their order; reports furnished.

Experiment No. 358, Multiple Wire System; Experiments made to render multiple wire systems effective.

Experiment No. 260, Scale for Determining location of Feeder Mains; this was an apparatus that has been used ever since its completion in determining conductors for Central Stations. It will continue to be exceedingly useful in that respect.

Experiment No. 363, Alteration on Sprague Motor Style G. This is part of Mr. Edison's car scheme, and also part of general dynamo construction.

Experiment No. 247, M a i n s; experiments connected with underground system.

Experiment No. 434, Repairing Instruments for Minneapolis Exhibit.

October 31, 1890

Messrs. Dyer & Seely,
235 Wall Street,

New York City,

Dear Sirs:-

With reference to your letter of 27th instant addressed to Mr. Edison, in regard to his old application No. 449, filed June 26, 1882, which has been put in interference with a patent of Hochhausen, #347,530, August 2, 1887, application for which was filed 21st June, 1883, Mr. Edison says that he cannot go back of the date of filing this application more than about six weeks; he does not think he ever reduced it to practice.

Yours truly,

Private Secretary.

October 31, 1890.

Mrs. Margaret Stilwell,

Menlo Park, N. J.

Dear Madame.-

Mr. Edison says in reply to your letter of 28th instant that the man to whom you refer can occupy the room over the office until notified to the contrary. Mr. Edison expects to sell the factory pretty soon.

Yours truly,

Private Secretary.

November 1, 1890.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l Electric Co.,

New York City.

Dear Sir:-

With reference to your letter of 31st ultimo, in regard to Alternating Dynamo and Converter, Mr. Edison has instructed me to inform you that the complete data for the Alternating Dynamo was furnished to Mr. Henderson three weeks ago. Mr. Edison understands that the general drawing has been finished and only awaits the approval of Mr. Henderson, when the details can be arranged in a few days. If you will have the plans sent out here for final approval, they can be completed and sent to Schenectady next week for manufacture. Our Transformer is ready now and only waits for the machine; it cannot be manufactured until the former is ready.

Yours very truly,

[illegible]

Private Secretary

November 2, 1906.

The Orange Club,

Orange, New Jersey.

Dear Sirs:-

I desire to resign from membership in the ORANGE CLUB, for the reason that my time is so much occupied it is impracticable for me to avail myself of the privileges extended to members. I wish my resignation to take effect at once.

Yours very truly,

Thomas H. Clark

November 2, 1880.

New York Athletic Club,

#104 West 55th Street,

New York City.

Dear Sirs:-

I desire to resign from membership in the NEW YORK ATHLETIC CLUB, for the reason that my time is so much occupied it is impracticable for me to avail myself of the privileges extended to members. I wish my resignation to take effect at once.

Yours very truly,

Thomas A. Edison

November 3, 1890.

Edwin M. Fox, Esq.,
The Junior Travellers Club,
#8 St. James' Square, London, S. W.,
England.

My dear Sir:-

Your letter of 2nd ultimo was duly received by Mr. Edison, and the matter of presenting a phonograph to the King of Greece was referred to the Edison United Phonograph Company, Mills Building, New York City. Mr. Edison would be very pleased to make the presentation suggested were he at liberty to do so. The phonograph in Europe, however, is controlled by the United Company and Mr. Edison's relations with it do not permit him to make presentations of this character direct.

Yours very truly,

Private Secretary.

Nov. 5, 1890.

Edison Phonograph Works,

O r a n g e , New Jersey.

Mr. Henry C. Ware.

Dear Sir:-

Mr. Insull has addressed a letter to Mr. Edison in regard to sending a phonograph to Mr. Villard's daughter, who is at present in Baden-Baden, Germany, and I believe he has also written the Phonograph Works on the same subject. In the letter referred to Mr. Insull asks Mr. Edison to instruct the Phono. Wks. exactly what to send to Miss Villard. Will you please see Mr. Edison in regard to this matter and he will give you verbal instructions concerning the same.

Yours very truly,

Private Secretary.

Nov 4th 1890

Ed. M. Douglas Esq
President German Nat'l Bank
Newark N. J.

Dear Sir: In regard to the advances which you are making to M. A. O. Tate on stock of the New Jersey and Pennsylvania Concentrating Works I beg to say that I guarantee this loan up to One Hundred Dollars per Share on the said Stock

Yours very truly

Thos. C. Chester

November 6, 1890.

Daniel Weld, Esq., Secretary,

Edison Phonograph Toy Manufacturing Co.,

#95 Milk Street, Boston, Mass.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 31st ultimo, advising me that at the annual meeting of your Company, held at Portland, Maine, on October 30th, 1890, I was duly elected a Director.

In reply I beg to say that I cannot accept this position.

Yours very truly,

Thos A Edison

November 6, 1890.

Prof. Wm. D. Marks,

The Edison Electric Light Company,

Philadelphia, Pa.

My dear Sir,-

I have your letter of 4th instant in regard to my photograph, in which you state "It always worries me to see that the zinc of the battery is pulled up and consequently there can be motion." I assume the error was made in exactly the same way as you have erred in the above statement--that is, through inadvertence.

Yours very truly,

Thos A Edison

November 6, 1890.

Samuel Insull, Esq.,

#16 & 18 Broad Street,

New York City.

My dear Sir:-

Here is a copy of a letter under date 31st October, 1890, received by Mr. Edison from Philip S. Dyer in regard to a Company which is being formed by Mr. Wockatz. Mr. Wockatz, who is endorsed by Dyer, seems to be conservative, as he capitalizes for a reasonable sum--$50,000--and Mr. Edison has no objection, so far as he is personally concerned, to granting the request to call the proposed Company "The Swedish Edison Company." I do not think that this will conflict with any existing contracts, but I am looking the matter up. With reference to subscribing to the stock of Wockatz's Company, Mr. Edison does not care to do this himself, but has thought that the General Company might perhaps desire to become interested in view of possible orders for goods from that source.

Yours very truly,

Private Secretary.

C O P Y.

Antwerp, Oct. 21. 1890

Dear Mr. Edison,

Mr. Wockatz who has been my agent in Sweden for the past five years, and who has made a success of the Edison business there, by sticking to all of the good material your companies have turned out in the past has now concluded to put his business into a Stock CO.

He asks me to write you asking for the right to call his [illegible] the Swedish Edison Co. Gothenburg.

Will you kindly permit him to do this?

He is a regular Edison man, buys and installs only our goods, and has done some good work,

His Co. will be a success, as he has a well established business The capital will be about $50,000. and most of it taken in Gothenburg.

He wants you and Mr. Upton in the CO., and would like to have you both subscribe about $2000 each, a smaller amount if you will.

I have written Mr. Upton on this subject, and expect he will talk over the matter with you.

Mr. Upton has met Mr. Wockatz , and knows Gothenburg. Will you kindly let me know your decision as soon as convenient. With kindest regards

Yours sincerely, (Signed) PHILIP S. DYER.

P. S. Mr. Wockatz has also the agency for the Phonograph and Phono Doll. D.

November 6, 1890.

TO WHOM IT MAY CONCERN:

This is to certify that Mr. EVERETT W. FRAZAR has been employed in my Laboratory and has given entire satisfaction in the work which he has performed.

Thomas A. Edison

November 7, 1890.

A. A. Anderson, Esq.,

#59 Avenue de Saxe, P a r i s ,

France.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your letter under date 22nd September last, which reached him in due course of mail. Your picture the "Morning After the Ball" has also been received by Mr. Edison. It arrived in good condition and now occupies a prominent place in Mr. Edison's residence, where it is much admired by everyone who sees it.

Mr. Edison remitted a check for the amount of your bill to Mr. Claflin, and no doubt you have heard from the latter in regard to it ere this.

Yours very truly,

Private Secretary.

Kindest regards
Hope you are
well and happy
AAA

November 8, 1912.

S. S. Eaton, Esq.,
420 Broadway,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 7th instant in regard to the case of Walsh versus Edison, and he says in reply not to pay more than $10,025, the amount stated in your letter.

Mr. Edison has also received your note of same date as above, in regard to Expert on Electroplating, and he approves of your retaining Mr. Brevoort in the matter.

Yours very truly,

Private Secretary.

Nov. 8, 1890.

Ira Miller, Esq.,

A k r o n , Ohio.

Dear Sir:-

Mr. Edison has received your letter of 6th instant, enclosing Certificate No. 30, for 10 shares of the Capital Stock of the Edison Iron Concentrating Company, the same being in exchange for his check of $1,000 sent to you some time ago in payment of the last assessment.

Yours very truly,

Private Secretary.

November 10, 1899.

Dear Mr. Edison,-

I enclose herewith copies of letters from Dr. Chadbourne and Thomas R. Lombard that were received in to-day's mail, contents of which were telephoned to you at Schenectady this morning.

Yours very truly,

To

Thomas A. Edison, Esq.,

Schenectady, N. Y.

COPY.

New York November 8th, 1890.

Thomas A. Edison Esq.,

Orange, N. J.

Dear Mr. Edison,-

Upon consulting with Mr. Lippincott, he instructs me to request you to make for us 6 models of the new type Phonograph as soon as you possibly can, sending the same to this office; we will then put them practically to use in such places as we deem would be to the best advantage to develop any imperfections that may exist.

Yours very truly,

(Signed) THOMAS H. LOMBARD,

Vice President,

The North American Phonograph Co.

COPY

New York 9th Nov., 1890.

My Friend Edison,-

Yours about your Brother Pitt was received yesterday. I think it mean to discover a cancer (?) at this late day when he already has enough to kill him.

I have not changed my first opinion of his case. I am confident that the liver and kidneys were first at fault (and probably the liver the first of the two), then the heart difficulty and dropsy resulting. His case I judge is absolutely hopeless and I think if you want to see him alive you will have to do so soon. I don't think he can go South, and the cold coming on will I fear close his earthly presence at any time. Don't think of the new disease (cancer of the stomach) as of any account at this late day. The enlargement may have been there years. Who can tell?

I would go out and see him without delay if I wanted to see him alive. If the symptoms are described correctly they will sooner or later be fatal.

The letters about gout &c. were received and given attention. Thanks. Yours sincerely

(Signed) E. R. Chadbourne.

November 12, 1890.

A. B. Dick Company,

#152 - 154 Lake Street,

Chicago, Ills.

Dear Sirs:-

In looking over your remittances on account of Royalty, I find that I have received from you the following sums:

Quarter ending		October 1, 1887	$551.13
"	"	January 1, 1888	597.20
"	"	April 1, 1888	903.03
"	"	July 1, 1888	677.92
"	"	October 1, 1888	494.83
"	"	January 1, 1889	517.50
"	"	April 1, 1889	518.24
"	"	July 1, 1889	507.35
"	"	October 1, 1889	540.97
"	"	January 1, 1890	636.73
"	"	April 1, 1890	[illegible]
"	"	July 1, 1890	[illegible]
"	"	October 1, 1890	562.53

For the first six months of the year 1887 the Royalty paid me amounted to $1148.33; for the year 1888 $2690.23, and for the year 1889 $2205.27; and for the first three quarters of the year 1890 it has amounted to $1904.62. If the Royalty for the quarter or the present year just now drawing to a close is proportionate to the amount paid for the preceding quarters of the same year,

the total for the year 1890 will be less than for the year 1888, and very little more than the proportionate amount which I rec'd. during the year 1887, when you first commenced to place the Mimeograph upon the market. It would appear from this that there has been little or no increase in your sales since the business was started, which I cannot understand, owing to the better facilities which you have now for marketing this device as compared with your organization three years ago.

Will you kindly explain the matter to me and very much oblige

Yours very truly,

Thos. A. Edison

November 14, 1890.

Secretary,

The Edison Electric Illuminating Company,

Mount Carmel, Pa.

Dear Sir:-

On the 6th of October last I sent to you by registered mail Certificate No. 1, in my name, for 48 shares of the Capital Stock of your Company, for the purpose of having three shares of the same transferred to Mr. P. B. Shaw, and a new Certificate issued to myself for 45 shares. I have not yet received from you any acknowledgement of the communication referred to, and I cannot understand why there should be such a delay in having the transfer made. Upon receipt of this letter will you very kindly give the matter your attention and forward the two certificates to me at Orange, very much obliging

Yours truly,

Thomas A. Edison

Nov. 15, 1890.

W. H. McRae, Esq., Business Manager,

The Phonogram,

New York City.

Dear Sir:-

I have your letter of 11th instant, in regard to an article for the first issue of "THE PHONOGRAM."

I am sending to you by this mail, under separate cover, copy of a little book which was published in connection with the late Minneapolis Exposition, and which is the latest thing written about Mr. Edison and his inventions. The book has not yet been distributed to any extent, only a few of the Edison people having read it, and therefore the matter will be new to most of the readers of "The Phonogram." This little book is copyrighted, but as it contains all the leaders in regard to Mr. Edison's inventions and his life, it will be a comparatively easy task to prepare from it an interesting article on that subject. I would be very pleased to undertake this duty myself, but as you go to press very shortly, I am afraid that I might failed completely the article in time for your first number, having but very little time at my disposal.

In regard to advertising, the Edison Manufacturing Company

will take the half page on inside cover next to reading matter, referred to in your letter now under reply. I will try and send you some special matter to fill this space before you go to press, but should you fail to receive it, you can copy our advertisement which is at present running in the "Electrical World."

Yours very truly,

Private Secretary.

November 17, 1890.

J. Block, Esq.,
Moscow, Russia.

Dear Sir:-

Mr. Batchelor has referred to me your letter to him under date 11th September last, in which you request information regarding Mr. Edison's inventions, for transmission to the "Polytechnical Museum" for use in connection with the "Edison Room" which it is the intention of that institution to establish.

I am sending to you by this mail, under separate cover, two copies of a little book which was published in connection with the Edison Exhibit at the Minneapolis Exposition held at Minneapolis during the past Summer, and which will, I think, give the desired information, as it contains a complete catalogue of Mr. Edison's inventions, with a short description of each, and also his biography.

Should any additional information concerning Mr. Edison's inventions be desired, I would suggest that you obtain from the U. S. Patent Office copies of all the patents which have been issued to him.

Very truly yours,

Private Sec'y.

Edison Phonograph Works,
Orange, N. J.

Nov. 18, 1890

Dear Sirs:-

I enclose herewith copy of a letter under date 17th November, 1890, forwarded to the Edison Phonograph Toy Mfg. Co., and which is signed by Mr. Edison as President of the Edison Phonograph Works.

Yours truly,

Private Secretary.

C O P Y.

Orange, N. J. November 17, 1890.

Edison Phonograph Toy Mfg. CO.,
#95 Milk Street,
Boston, Mass.

Dear Sirs:-

Referring to the various reports which have been made in connection with your order for the manufacture of speaking mechanisms, the last being a detailed statement prepared from the books of the Edison Phonograph Works by your representative, Mr. MacGovern, a copy of which was forwarded to us, we would be glad to know at once what action you propose taking in the matter of a settlement.

Manufacture was suspended early in May last, since which time we have waited patiently for you to acquire all information that would assist you to a thoroughly intelligent understanding of the subject, but beyond forwarding us copies of reports which you have had from your representatives you have taken no action. We cannot permit this matter to remain longer in a state of suspense and therefor request that you communicate with us definitely by return mail.

Yours very truly,

EDISON PHONOGRAPH WORKS
By

(signed) THOS. A. EDISON

President.

November 18, 1890.

Christian Hawestadt, Esq.,

Park Avenue Hotel, New York City.

Dear Sir:-

Replying to your letter of recent date, I beg to say that I do not believe in the accumulator system for railway work. In regard to your reference to the Westinghouse method of conducting the current by a centre-rail, I beg to inform you that this system was patented by me a number of years ago.

I have been working for some time with the object of perfecting a good system which will render overhead wires unnecessary, in accomplishing which it is necessary to overcome a great many difficulties.

Yours very truly,

Thomas A. Edison

November 18, 1890.

H. Ward Leonard, Esq., Gen'l. Manager,
Light & Power Dep't., Edison Gen'l. Electric Co.,
New York City.

Dear Sir:-

With reference to your letter of 12th instant, Mr. Edison says that you had better postpone the issue of your #5 C catalogue, entitled "Facts about Electric Stationary Motors," as he has decided to make some changes in the small type of motor to which you refer.

Yours very truly,

Private Secretary.

November 19, 1890.

Thomas B. Cornery, Esq.,

Llewellyn Park.

My dear Sir:-

With reference to your note of yesterday, Mr. Edison will be pleased to see yourself and Mr. Clarke at the Laboratory to-day about noon.

Yours very truly,

Private Secretary.

November 19, 1890.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm receipt of the appended message received from you by telephone to-day, the same being in reply to my message of even date concerning the Phonograph Works:-

"I think your plan about the Phonograph Works is all right. Please send copy of your message to me to Mr. Ware. Samuel Insull."

Yours truly,

Thos. Edison

Nov. 19, 1890.

Mr. Henry C. Ware,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

I enclose herewith for your information copy of a message which Mr. Edison caused to be telephoned to-day to Mr. Insull, relative to an arrangement which Mr. Edison desires put into effect in connection with the Phonograph Works.

Yours truly,

Private Secretary.

November 19th, 1890

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message which I caused to be telephoned to you to-day:-

"I desire to put into effect the following arrangement in connection with Phonograph Works: Complete the 312 new style machines, with motors, ready for packing; fix up 1282 old-style instruments so that they can be used with Nickel-in-Slot, except motors; assemble only 700 motors; get 45,000 cylinders ahead, and as this work is finished shut down the various Departments. In any event, I wish to shut down by December 15th. I will put a motor in the Tool Room and supply it with current from the Laboratory. The Works staff will be reduced to Ballou, Sargent, Ware and Miller. The Silver Lake factory will take the horses and trucks. We will employ one night-watchman at the Works. In the Tool Room we will employ no more than six men to finish Ore Milling Machines, make nickel-in-slot attachments and 12 model phonographs. During period of suspension we will make up our accounts with Lippincott according to contract, charging everything, such as tables and bodies, old and new, including parts in stock, leaving absolutely nothing in the Works which has not been charged out according to contract. All the old parts will doubtless be obsolete when the new machine is adopted, and must be paid for before we make the new machine. We will put the doll accounts in proper shape and inventory everything."

Yours very truly,

November 19, 1890.

Dr. R. Voit,

Karlsstrasse 66/2

M u n i c h, Germany.

My dear Sir:-

Mr. Edison has received your esteemed favor of recent date, enclosing photographs of the proposed statue to Ohm. In reply Mr. Edison desires me to inform you that he considers Prof. Ruemann's design very handsome and appropriate. He is much obliged to you for sending him the photographs.

Yours very truly,

Private Secretary.

November 19, 1890.

Automatic Phonograph Exhibition Co.,

#13 Park Row, New York City.

Dear Sirs:-

Referring to the contract between us, dated the 19th day of April, 1890, and more particularly to the fifth section thereof, I hereby notify you that I have made a complete model Slot-Machine and a duplicate of the same, which is to be known as the Standard Slot Machine Phonograph.

I am prepared now to carry out all the provisions of this agreement pertaining to manufacture. The sixth section provides for delivery at a rate not to exceed fifteen machines per day, to be regulated from time to time upon thirty days' notice.

Please advise me where to deliver your duplicate model.

Yours truly,

Thos A Edison

November 18, 1890.

F. P. Venable, Ph. D., F. C. S.,

University of North Carolina,

Chapel Hill, N. C.

Dear Sir:-

In reply to your letter of 11th instant, in regard to the occurrence of platinum in North Carolina, Mr. Edison has instructed me to inform you that his assistants panned in every gold stream in North Carolina without ever getting the color of platinum.

Yours truly,

Private Secretary.

Nov. 19, 1890.

Mr. Chas. McGregor,
Mount Vernon, N. H.

Dear Sir:-

I return herewith the newspaper articles which were enclosed with your letter of 16th instant. Mr. Edison is so busily occupied with his experimental work he has not time to peruse them.

Yours truly,

Private Secretary.

Chas Batchelor

Leave Contract with instructions for Birkenbine to get it signed Come back and we will start west tomorrow morning Edison

November 20, 1890.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following message telephoned from the Laboratory this morning:

"A letter should be written to the North Am. Phonograph Company, informing them of the closing down of the Works. I understand there are a number of machines that should be sent in by the local Companies for repair. These ought to be marked up. Will you write the letter from your office or do you wish me to do so? As to Tables."

Yours truly,

Frederick Ronalds.

November 20, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Private Sec'y.

I enclose herewith the Minutes of the meeting of the Board of Trustees of the Automatic Phonograph Exhibition Company. This record is correct.

In regard to the machines from the Gilliland Electric Co., the Company had already given an order for these 250, and the question was whether the new model of Gilliland's should be substituted for the old one. Of course this in no way interferes with Mr. Edison's right under his contract. Mr. Edison notified the Company to-day by letter that he had ready a model which was to be the Standard Machine of the Company, and advised them that he was prepared to carry out all the provisions of the agreement in regard to manufacture. You are aware that under this contract Mr. Edison is the sole and only judge of what shall be used. The agreement is very clear as to the rights of the Company with respect to excluding machines from manufacturers other than Mr. Edison, and the machines which they have ordered here, of course, subject to the modifications thereof in the contract between the Company and Mr. Edison.

Yrs. truly,

November 20, 1890.

Major S. B. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

I beg to acknowledge, with many thanks, receipt of your letter of 18th instant, enclosing form of contract between myself and Mr. Edison in regard to stock of the Automatic Thermograph Exhibition Company.

I thought we could accomplish what we wanted by issuing promissory certificates in printed form, entitling the person named in the certificate to call upon Mr. Edison for shares of the Company named at the expiration of three years from the date of the certificate. Could you not print the conditions embodied in this draft agreement on the back of a certificate such as I have in mind? I think this form would be more acceptable than an ordinary form of contract. It is altogether likely that Mr. Edison in making divisions of stock in the future will desire to put in operation an arrangement similar to this present one, and I think it would be a good idea for us to get a standard form of terms and conditions that we could issue. Kindly let me know if this is practicable.

Yours very truly,

Private Secretary.

November 20, 1890

A. B. Dick, Esq., President,

A. B. Dick Company,

Chicago, Ills.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 17th instant, replying to mine of the 12th, in regard to Mimeograph sales.

You appear to have entirely misunderstood my question. I did not inquire why the public would not buy the Mimeograph faster. I referred solely to the volume of business done by your Company for the years 1887-8-9 & 90.

I think you must admit that it was but natural for me to expect that the volume would increase as the years progressed. A curve of any branch of our immediate business rises from the starting point, but in applying this test to yours I was surprised to find almost a parallel line. However, as there is no explanation, I can only assure you that you have my heartiest wishes for a continuance of trade at its present standard.

Yours very truly,

Mott Edwards

November 20, 1890.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I beg to confirm the following message sent you by telephone this morning from the Laboratory:

"I sent yesterday the following letter to the Nickel-Slot Company:

Dear Sirs: Referring to the contract between us, dated the 19th day of April, 1890, and more particularly to the fifth section thereof, I hereby notify you that I have made a complete model Slot-Machine and a duplicate of the same, which is to be known as the Standard Slot Machine Phonograph.

I am prepared now to carry out all the provisions of this agreement pertaining to manufacture. The 6th section provides for delivery at a rate not to exceed fifteen machines per day, to be regulated from time to time upon thirty days' notice.

Please advise me where to deliver your duplicate model. Yours truly, (Signed) THOMAS A. EDISON."

Mr. Gottschalk is with me now inspecting the new model.

In regard to Phono. Works letter to North Am. Company, I will see Major Eaton and obtain a draft of letter for you to sign. I have to go to Silver Lake to-day, but in any event will arrange matters so we can present the letter to North American Company to-morrow. Will this answer? Mr. Edison went to Ft. Huron this morning. Am. Co. Tel. co."

Yours very truly,

[illegible]

November 30, 1899.

J. Adriance Bush, Esq.,

No. 10 Wall Street,

New York City.

My dear Sir:-

Mr. Lippincott is one of the Directors of the Automatic Phonograph Exhibition Co. It is very desirable that the Edison-Lippincott interest should be fully represented on this Board during the absence of the latter, who I understand intends going away for several months. Would you not arrange to have Mr. Lippincott resign and yourself elected in his place? Please let me hear from you.

Yours very truly,

November 20, 1890.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I understand that Mr. J. C. English has resigned as Manager of the New York Phonograph Company. Mr. A. T. E. Wangemann, as you know, has returned from Minneapolis and would like to get a situation. He certainly understands the phonograph thoroughly. I do not know what his business qualifications are, but the people who are looking for some one to replace Mr. English could doubtless size him up. Have you had any opportunity to form an opinion of his capacity?

Yours truly,

Private Secretary.

Nov. 20, 1870.

George Richards, Esq.,

Dover, N. J.

Dear Sir:-

I have your letter of 15th instant. Please do not be impatient. I have been away for a week and am obliged to go away again to-day for a few days to visit my brother who is dangerously ill in Pt. Huron. I find that my men have got the search pretty well along, but very mixed up. Just as soon as it is straightened out I will be ready to complete the transaction.

Yours very truly,

Thos. A. Edison

November 20, 1890.

My dear Shaw,-

Mr. Edison returned from Schenectady, but was obliged to leave almost immediately for Pt. Huron to see his brother, who is dying. I understand that you are going to be East again very soon, and I would suggest that you come out and see him Mr. Edison. He will be back about the middle of next week.

Yours very truly,

Private Secretary.

P. B. Shaw, Esq.,
Williamsport, Pa.

Nov. 20, 1890.

Major S. H. Seton,

1120 Broadway,

New York City.

Dear Sir:-

I return herewith your long letter to Mr. Edison, on the subject of duplicate phonograph cylinders and nickel-slot phonographs, dated 13th November, 1890. This I found on his desk in the Library. I was not aware that it had been received at all, and therefore did not obtain from Mr. Edison any expression of opinion concerning the matter. I assume, however, that you will go ahead and complete the opinion.

I also found on Mr. Edison's desk your letter of 13th inst., in regard to attached property of Edison Phono. Toy Mfg. Co., which is the first I have seen of it. It is not our wish at present to take any steps towards selling the property of the Toy Company. We have already notified them of the attachment.

Yours very truly,

Private Secretary.

November 21, 1890

Messrs. Eaton & Lewis,

#120 Broadway,

New York City.

Dear Sirs:

I enclose herewith check of the Edison Phonograph Works to your order for $120.00, covering the amount paid by your Firm to the Secretary of State of New Jersey for Statutory tax on Increase of Capital Stock of that Company. Please acknowledge receipt, and oblige

Yours truly,

Secretary.

November 21, 1890

J. C. Wood, Esq., Gen'l. Manager,

The Missouri Phonograph Company,

St. Louis, Mo.

Dear Sir:-

Mr. Edison has read your letter of 14th instant, relative to reproducing his Paris Exhibit in St. Louis next year, and in reply he has instructed me to inform you that he regrets very much it is impracticable for him to comply with the request of the Managers of the St. Louis Exposition in this connection. The apparatus constituting the Edison Exhibit, since its return from Paris, has been on exhibition in New York, Minneapolis and Portland (Oregon), and as you can readily understand has depreciated to a very great extent. It will cost a large amount of money to put it in order again, and Mr. Edison intends holding it for the World's Fair of 1892.

Yours very truly,

Private Secretary.

Nov. 22, 1890.

Edison Phonograph Works,

O r a n g e , New Jersey.

Dear Sirs:-

I beg to confirm the following order telephoned to your Mr. Ware this afternoon:

> Please send by express, prepaid, to Thomas A. Edison, Port Huron, Michigan, one phonograph, tested for musical records; one reproducing funnel 18 inch; also speaking and hearing tubes, single.

Walter Miller will bring down to the Works a multiple tube, and two dozen musical records, which are to accompany the above shipment. Please get these goods off to-day if at all possible to do so.

Yours truly,

Private Secretary.

Jh.

November 22, 1890.

Luther Stieringer, Esq.,

c/o Edison Gen'l. Electric Co.,

Edison Bdg., Broad St., New York City.

My dear Sir:-

If you have no objection, will you please forward to V. H. McRae, Business Manager of THE PHONOGRAM, Room 127 Pulitzer Building, New York City, the cuts representing Mr. Edison's house and the Library, which were used in connection with the Minneapolis catalogue. THE PHONOGRAM is a new paper, the first number of which is to be issued very shortly; it is to be the official organ of the U. S. Phonograph Companies. The cuts referred to in the foregoing are wanted in connection with an article which is to appear in the first number.

When you send the cuts forward, please advise me, and very much oblige

Yours truly,

Private Secretary.

Ch.

November 24, 1890.

H. M. Livor, Esq.,

#19 Dey Street,

New York City.

My dear Sir:-

Please furnish Mr. Theo. Lehmann with all the assistance which he may require in erecting Triangulation Stations and Permanent Monuments at Ogden. Kindly see that he gets all the help needed, and much oblige

Yours very truly,

A. Thomas N. Robinson

Thomas A. Edison,
Port Huron, Mich.

November 24, 1890.

English has resigned from New York Phonograph Company. Wangemann asks to be recommended for the place. What do you think? When do you return?

A. O. Tate.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

Nov. 24, 1890

Dear Sir:-

I beg to acknowledge having received this morning the missing enclosure referred to in my letter to you of 22nd inst.

Yours very truly,

Private Secretary.

November 25, 1890.

Thomas Butler, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I desire to introduce to you Mr. F. L. Caudou, who has come to America within the past few days from London. Mr. Caudou was in Col. Gouraud's employ, operating the phonograph, and travelled with this instrument somewhat extensively on the Continent. Owing to lack of business abroad in this line he determined to seek his fortune in America. He is looking for practical experience and would like to obtain a situation in the Wiring Dep't. of the Edison Gen'l. Electric Company, in preference to any clerical position. I feel quite sure that he is thoroughly capable to do good work under instruction. He has handled Telephone Exchanges in England; has had experience in the manufacture of telephones and in the wiring that goes with this class of work. It would therefore not take him long to familiarize himself with the electric lighting business. I wanted to have him meet Mr. Insull, but the latter I understand is in Schenectady. Will you oblige me by doing whatever you can for him, and if it be necessary arrange to bring him in contact with Mr. Insull.

Yours truly,

Private Secretary.

Nov 25th 1890

Thos. Butler Esq.
44 Broad Street
New York

Dear Sir:

I beg to acknowledge receipt of your favor of the 24th inst enclosing eighteen notes drawn by the Edison Phonograph Works to the order of Mr Edison for $5000. each.

Should I not bill the Edison Phonograph Works with interest on the money which Mr Edison paid them, and credit them with interest on the money which they paid Mr Edison to Nov 19th 1890, and also should not the demand notes bear the date of Nov 19th 1890 as the account was made up to that time.

Yours truly
John R. Randolph

Nov. 25, 1890.

The Edison United Phonograph Co.,

G. N. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:-

Your letter of 24th instant to Mr. Edison, asking him to name a time when it will be convenient for the writer to meet you at the Laboratory for the purpose of auditing and verifying the accounts rendered your Company, is at hand. I will write you later and will make an appointment for some day next week, when I shall be pleased to see you at the Laboratory for the purpose mentioned.

Yours truly,

Private Secretary.

Nov. 25, 1890.

M. K. Watkins, Esq., President,

Edison Electric Illuminating Company,

Mt. Carmel, Pa.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 22nd instant, enclosing Certificates of your Company, one in the name of myself for 45 shares in the Capital Stock, and another in the name of P. B. Shaw, for three shares.

Yours truly,

Thos. A. Edison

Nov. 25, 1890.

P. B. Shaw, Esq.,

Williamsport, Pa.

My dear Sir:-

I have received your letter of 22nd instant and shall carry out your wishes as expressed therein.

I enclose herewith Certificate No. 68 of the Edison Electric Illuminating Co. of Mount Carmel, Pa., in your name, for three shares in the Capital Stock of that Company. These shares of stock are due you by Mr. Edison. Kindly acknowledge receipt of same, and oblige

Yours truly,

Private Secretary.

Nov. 25, 1890.

W. Stewart, Esq.,

Providence, R. I.

Dear Sir:-

Your letter of 15th instant to Mr. Edison in regard to the Edison Phonograph Toy Mfg. Co. has remained unanswered owing to press of business.

At the adjourned stockholders meeting held in Portland on the 30th of October last Messrs. Weld, Mackintosh and Hutchinson appeared with several thousand more votes than Mr. Edison was able to command, and they elected their own Board.

As to the affairs of the Toy Company, I beg to state that they owe a very large amount of money to the Edison Phonograph Works in connection with the manufacture of speaking mechanisms. Mr. Edison's circular to the stockholders asking for their proxies was in effect a request to place the control of the business policy of the Company in his hands, and was made in the belief that the experience at the command of himself and those associated with him in merchandising new inventions would ensure the success of the Toy Company's business. In order to carry out fully and quickly the plans which Mr. Edison had in mind, it was necessary that he should have control of the machinery of the Company, and he

therefore asked permission to name the next Board of Directors. In addition to this, it was felt that if the Company's chief creditor, the Edison Phonograph Works, knew that the Company's policy had been formed and was being matured by Mr. Edison they would have more confidence in the ability of the Company to carry out the various provisions of its manufacturing agreement, and would for the same reason exercise more forbearance with respect to the Company's debt pending the development of a trade which in experienced hands ought to be a large one. This part of the arrangement was misrepresented to the stockholders through the medium of the press by inspired statements to the effect that Mr. Edison, personally, was the Company's chief creditor, and it was intimated that on this account it was undesirable to place the control of the Company in his hands. Mr. Edison is the President of and a large stockholder in the Edison Phonograph Works and they are the Company's chief creditors. The Company's debt to Mr. Edison, personally, foots up only a few thousand dollars for experimental work. While there may be a number of stockholders who even under these circumstances might have considered it undesirable to give Mr. Edison control of the Toy Phonograph Company, the reports which were issued are none the less misstatements which, in explaining the matter to you, I consider it but just to correct.

The situation to-day is that the stockholders of the Company declined to accede to Mr. Edison's request for permission to shape the policy of the Company, and he has therefore felt it only consistent to decline his election as a member of the present Board, so that the control might be placed entirely and wholly in the hands of those whom the stockholders have selected as their representatives. Under these circumstances, I can make no prediction as to the future of the Company, as I am entirely unfamiliar with the methods which it proposes to pursue.

Yours very truly,

B O Tate

Private Secretary.

November 25, 1890.

North American Phonograph Company,

#160 B r o a d w a y , New York City.

Dear Sirs:-

With reference to the auditing of the Laboratory books by your Company, we wish very much that you would finish this work. The Edison United Phonograph Company also desires to audit the accounts, and we do not wish them to start in until your audit is completed. Mr. Edison is very much dissatisfied with the delay which has occurred in getting these accounts audited. If he had delayed his experiments to the same relative extent the North Am. Phonograph Company would hardly be able to do any business at the present time.

Yours very truly,

Private Secretary.

November 25, 1890.

Mrs. Ritscher,

Silver Lake, Bloomfield P. O.,

N. J.

Dear Madame,-

In regard to your request relative to remaining in the house at Silver Lake beyond the time stipulated in the agreement, I regret to say that it is quite impracticable for me to comply with your wishes in this connection. I desire to use the property and must request that you vacate the same on or before the first day of January, 1891, so that I can take possession of it on that date.

Yours truly,

Thos A Edison

Nov. 25, 1890.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

I enclose herewith acknowledgement of Messrs. Eaton and Lewis of the check for $120 which I obtained from you and sent to them a short time ago. This money was paid to the Sec'y. of State of New Jersey for Statutory tax incurred in connection with the increase of Capital Stock of your Company.

Yours very truly,

Private Sec'y.

W. P. Edison, November 25, 1890.
Port Huron, Michigan.

Phonograph and battery shipped separately; former forwarded Saturday by United States Express.

A. O. Tate.

W. P. Edison, November 26, 1890.
Port Huron, Michigan.

Telegraph me if phonograph fails to arrive to-day. Will trace.

A. O. Tate.

November 28, 1890

Philip Seubel, Esq., Electrical Engineer,

No. 352 East 165th Street,

New York City.

My dear Sir:-

Your letter of 24th instant, asking for a couple or dozen of unearbonized bamboo fibres was duly received by Mr. Edison and by him referred to Francis R. Upton, Esq., Gen'l. Manager of the Lamp Mfg. Department, Harrison, N. J., with the request that he furnish you with the desired fibres.

Yours very truly,

Private Secretary.

Nov. 28, 1890.

Samuel Insull, Esq., Treasurer,

Edison Phonograph Works,

Edison Building, Broad St., New York City.

Dear Sir:-

I have your letter of 21st instant, informing me that the Capital Stock of the Edison Phonograph Works has been increased to $1,200,000, and asking what steps I desire taken in regard to the same. In reply I would say that this matter of increased stock can be left in abeyance until the books are finally balanced.

Yours very truly,

Thos A Edison

Nov. 29, 1890.

Edison United Phonograph Co.,

Mills Building, New York City.

Dear Sirs;-

Please send your Auditor to the Laboratory on Monday next, December 1st, to audit the accounts rendered against your Company, and very much oblige

Yours truly,

November 29, 1890.

Mr. William E. Hibble,

Myers, Florida.

My dear Sir:-

I have duly received your letter of 22nd instant and take pleasure in enclosing herewith Mr. Edison's check for $150, the receipt of which please acknowledge.

You can let the old mule go; dispose of her as you think best.

In regard to taxes, Mr. Edison considers that the amount paid on this account is outrageous and out of all proportion to the value of the property. You should try and have them reduced.

Yours very truly,

Private Secretary.

Nov. 29, 1890.

Edison United Phonograph Co.,

Mills Building, New York City.

Dear Sirs:-

I enclose herewith copy of a statement received from Col. Gouraud of phonograph goods shipped to T. R. Connery, Mexico, at various times, the value of same being $309.75. This statement accompanied a letter under date 18th October, 1890, received by Mr. Edison from Col. Gouraud with relation to the final settlement of their outstanding accounts, and coincident with turning over stock etc. to the Edison United Phonograph Company. Referring to the Connery account Col. Gouraud says "I also deduct the shipments "represented by this account ($309.75) which were made to Mexico, "and which were without my order or knowledge, but if they are "still subject to your order and control, the United Company will "no doubt assume the account upon receipt of your assignment to them "of the material in question."

We shall be glad to have your view on this subject at your early convenience, as to whether you are willing to assume the Connery account as intimated to Colonel Gouraud in his letter above

-4-

referred to.

Yours very truly,

Private Secretary.

C O P Y.

Phonograph goods shipped to T. B. Connery, Mexico, at various times as per invoice dates below.

1889			
10th October,	2 Phonographs style "M" $45--$90.00		
	Allow $2.70 for Battery	5.40	$84.60
	1 Barrel Phonograph Blanks		11.25
	4 Flute records		3.00
	4 Piccolo "		3.00
	4 " "		3.00
	4 Clarionet "		3.00
	4 Violin "		3.00
	4 Band "		4.00
	2 Extra Recorders		4.50
	2 Extra Reproducers		4.50
	5 Recorder Points		.75
	5 Reproducer points		.60
	5 Cutting knives		.60
	2 Main shaft centres		.22
	2 Governor centres		.36
	2 Arm shaft "		.22
	2-100 thread nuts		.09
	5 sets diaphragms		.36
	2 main belts		.18
	2 Return screw bolts		.11
	48 Sticks soda		.09
			$127.92
	ADD. 15% royalty		19.19
	2 No. 1 Batteries		31.00
	48 soda sticks		7.68
	16 pair oxide plates		12.16
	Boxing and packing		.75
			$198.70
22nd October	1 Phonograph style "T" No. 3422.$45.00		
	ADD. 15% Royalty	6.75	51.75
14th November	12 Band records $12.00		
	ADD. 15% royalty	1.80	13.80
	6 Battery Cords		4.50
1890			
1st January	Consul and Commissioners fees etc. for papers for Mexico---21st Nov., 1889		21.00
	Consul and Commissioners fees etc. for papers for Mexico---24th Jan., 1889		20.00
			$302.75

December 1, 1920.

Major S. H. Eaton,
#120 B r o a d w a y,
New York City.

Dear Sir:-

I return herewith proof of Transferable Certificate of Beneficial Interest, which Mr. Edison approves with the exception of that portion relating to the increase of Capital Stock. Mr. Edison considers it unnecessary and undesirable to make this provision in the certificate. So far as I can see this provision would be a real security only in the event of an increase of Capital Stock, and the issue of a portion of such increase as a bonus to stockholders, which is such a remote contingency that it is unnecessary to provide for it in this certificate. The provision also might lead to complications through omission on Mr. Edison's part to issue proper notices at the proper time, and he does not feel inclined to impose such conditions upon himself.

The provision in regard to decrease of capitalization is all right.

Very truly yours,

Thomas A. Edison.

December 1, 1890.

F. A. Schumacher, Esq.,

The F. Schumacher Milling Co.,

A k r o n , Ohio.

Dear Sir:-

On my return from the West after an absence of two weeks I find your esteemed favor of 15th instant, together with enclosures, all of which I perused with much interest.

I have nothing to do with the business end of the Edison Company. As a Shylock I was a dead failure and therefore unqualified for a commercial life, so I took to inventing.

I return herewith the correspondence which you were kind enough to submit for my examination.

Yours very truly,

Thos A Edison

December 2, 1890.

Henry C. Ware, Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

Mr. Lewis has asked me the following questions which require to be answered promptly, as he is holding an important communication for the Toy Phonograph Company pending receipt of this information:

(1) In what condition were mechanisms when accepted by Toy Company's Inspector; that is, were they enclosed in bodies and passed in that condition, or were they passed by the Inspector before being placed in the bodies, or were they passed after the heads, legs and arms had been attached?

(2) Please give me a statement of account between the Works and the Toy Company from the commencement of delivery of dolls. This statement should show the dates of delivery, amounts charged and dates of all payments, together with balance due.

(3) Are there any dolls, and if so how many, in the store room at present which have been accepted by the Toy Company's Inspector? When did such inspection take place? Please provide me with the form of Inspector's receipt or report. Can you show his receipts for all the dolls for which we claim delivery has been made? How many completed mechanisms have we on hand ready for inspection? How many mechanisms have we on hand in the assembling room - that is, mechanisms which are not in proper shape for inspection, but which require additional labor on our part in order to prepare them for such inspection?

Yours truly,

Secretary.

December 8, 1880.

Marcy Walsh, Esqr.

#125 W a v e r l y P l a c e,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 26th ultimo and in reply he has instructed me to inform you that he is in favor of the extension of the Main Street at Menlo Park to which you refer. Mr. Edison is willing to pay twenty dollars, the sum mentioned in your letter, for the necessary grading.

Yours very truly,

Private Secretary.

December 3, 1890.

Messrs. Dyer & Seely,
~~#36~~ Wall Street,
New York City.

Dear Sirs:-

Your understanding of Mr. Edison's wishes in the matter of the interference with Heyzinger on a tubular phonogram blank made of paper covered with wax, as expressed in your letter dated November 1st, but which was not received here until Dec. 2nd, is perfectly correct.

Yours very truly,

Private Secretary.

December 3, 1890.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I enclose herewith copy of a letter from the President of the Automatic Phonograph Exhibition Company addressed to Mr. Edison, together with copy of Mr. Edison's reply to the same.

My understanding of a tender is that it implies that the persons to whom a tender is made have the right to accept or refuse the article tendered. In addition to this, in a former letter written by Mr. Gottschalk he stated that he did not think his Company would be able to accept the model prepared by Mr. Edison. As Mr. Edison has the absolute right under his contract, which I recently had interpreted by Major Eaton, to prescribe what shall be used by the Automatic Company, and in view of the position which Mr. Gottschalk is trying to assume, namely, that discretion lies with his Company, I considered it conservative to make the attached reply, even though it may look like splitting hairs. It is not intended now to discuss the merits of any machine. Mr. Edison does not wish to force upon the Company an attachment unsuitable for the work which is to be performed, but

Samuel Insull, Esq., -4- December 8, 1909.

In insists upon the principle of the [illegible] being [illegible]. Mr. Gottschalk manifests a disposition to evade its [illegible] which Mr. Gottschalk saw here was tested by him with paper plugs and he found that he would stuff the slug in a way to prevent the instrument from working. Since that time the mechanism has been altered so that any amount of paper plugs can be inserted without in any way impairing the utility of the machine. The question of a Standard Model will in all probability come up at the next meeting of the Directors of the Automatic Company, and I give you this information in order that you may be posted.

Yours very truly,

Private Secretary.

COPY.

New York, November 29th 1890.

Mr. Thomas A. Edison,

Menlo, N. J.

Dear Sir:-

Referring to the tender of the Automatic Machine made to this Company last week by you, we would ask if the invention of Mr. J. F. Ott of Orange, N. J. is the one you intend using in competition with the Phonograph, and if this invention is the one that you tender to this Company. In other words whether Mr. Ott's application belongs to the Automatic Company or not. We need this information so as to know how to file our answer regarding the interference of Mr. Ott with several of the applications owned by this Company.

Respectfully yours,

(Signed) Felix Dehmlow,

President.

COPY.

December 2. 1890.

Felix Gottschalk, Esq., President,
Automatic Phonograph Exhibition Company,
13 Park Row, New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 29th ultimo, in which you state I tendered an automatic machine to your Company last week, and in which you ask for certain information in regard to an invention of Mr. J. F. Ott, of Orange, New Jersey. In reply I beg to refer you to the agreement between the Automatic Phonograph Exhibition Company and the Edison Phonograph Works, dated 19th day of April, 1890, which provides that the standard slot machine phonograph to be used by your company shall be presented by me. In view of this provision I do not understand your statement to the effect that I have tendered a machine to your company, for the reason that by inference it deprives me of my right under the contract to make and deliver a standard model and transfers this privilege to others.

I wish to desire to place myself in the position of having given up any of my rights under the contract above referred to, and before further action is taken with respect to models, I think the question should be discussed by your Board.

Yours very truly,

(Signed) Geo. A. Mason.

December 4, 1890.

Prof. Alexandre Stoletow,

University of Moscow,

Moscow, Russia.

Dear Sir:-

Mr. Edison has asked me to thank you for the cablegram which you were kind enough to send him and which was received on the 3rd of December, to the effect that the Professors and Students of the University of Moscow are pleased with the Phonograph.

Mr. Edison was much gratified at the receipt of your message above referred to, and he appreciates it very highly. Kindly convey to your brother Professors and Students of the University of Moscow Mr. Edison's compliments and best wishes.

Yours very truly,

Private Secretary.

December 5, 1890.

E. H. Lewis, Esq.,

Messrs. Eaton & Lewis,

#120 Broadway, New York City.

Dear Sir:-

I enclose herewith copy of a letter addressed by me to the Edison Phonograph Works, asking certain questions with relation to toy manufacture, copy of their reply to the same, copy of receipt dated April 30, for 314 dolls received by Toy Company's Inspector for examination, form of receipt used in Doll Department for dolls inspected and accepted by Toy Company's Inspector, statement of account showing balance due on bills rendered, $8780.85.

The Edison Phonograph Works say that they cannot definitely ascertain whether these printed forms of receipt were ever used. I am quite positive that they were used, and that they are somewhere in the files at the Works. We have not yet been able to find them.

On or about the 1st of May a final receipt was taken from the Toy Company's Inspector for all the dolls that had been accepted by him up to that time. It was written by Mr. MacGrother,

who formerly had charge of the office at the Works, after the records of the Works had been compared with the records kept by the Toy Company's Inspector and agreed. I am after this receipt and hope to be able to present it to you to-day or to-morrow. In regard to balance of this work, I am going ahead with it night and day, and will turn the whole matter over to you at the earliest possible moment. It has meant going through a correspondence covering nearly 18 months, and it requires time to get it in order. I mention this so you may understand that the matter is not being neglected. Before I can complete the work I must have an interview with Mr. Batchelor, who had charge of the Works when toy manufacture commenced. I have telegraphed him for an appointment to-night or to-morrow.

Yours very truly,

Private Secretary.

Letterbook, LB-046

This letterbook covers the period December 1890-January 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, Thomas Maguire, and John F. Randolph. Many of the letters relate to the manufacture and marketing of the phonograph and talking doll. Included are numerous letters pertaining to the Edison Phonograph Toy Manufacturing Co. and to Edison's efforts to liquidate that company. There is also material concerning the Edison Phonograph Works, the North American Phonograph Co., and the Automatic Phonograph Exhibition Co. A few letters deal with problems in the production of musical records and with Edison's decision to close the laboratory's music room and discharge its staff. There are also documents relating to mining and ore milling and to electric lighting. There are some letters about Edison's family, particularly his father, Samuel, and his brother, William Pitt, who died of cancer in January, 1891. Other correspondence deals with Edison's personal finances, including his stockholdings in the Edison General Electric Co. and in several railroad companies; his financial relations with George E. Gouraud and Jesse Lippincott; and his investment in the magazine, *Phonogram*. The front cover is labeled "General Letter Book Indexed." The book contains 498 numbered pages and an index. Approximately 40 percent of the book has been filmed.

Dec 5th 1890.

Saml. Insull Esq Treas.
Edison Phonograph Works
New York.

Dear Sir:-

I beg to acknowledge receipt of your favor of the 4th inst enclosing two demand notes for $5000.00 each to cover loans made by Mr Edison to that Company on Dec 2-1890.

Since I received the 90000. in demand notes to cover Mr Edisons loans to the Edison Phonograph Works to Nov 19. 1890 Mr Edison has loaned them as follows:-

Nov 21st	1890	$5000.00
" 21 -	"	5000.00
" 24	"	5000.00
" 24	"	5000.00
" 25	"	5000.00
" 28	"	3000.00
		$28000.00

I dont understand why we receive the demand note for the $10000. loaned in December and not get any for the above $28000. loaned in November 1890.

Please advise me in regard to same and greatly oblige

Yours truly
John F. Randolph

P.S. I would like to offer the following suggestion and that is that in future when Mr Edison gives the Works a check for them to give us a demand note JFR

December 5, 1899.

George Richards, Esq.,

Dover, N. J.

Dear Sir:-

I have your unsigned letter of 4th instant, and will be obliged if you will kindly send me the papers therein mentioned relative to the Ogden Iron Co's property. We are just about ready to complete the transaction.

Yours very truly,

Thomas H. Kean

December 5, 1890.

Charles Batchelor, Esq.,

433 West 25th Street,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent to this morning:-

"Want to have talk with you about toy phonograph. Are you coming out soon, or where can I see you in town this evening or to-morrow? A. O. Tate."

Yours truly,

Private Secretary.

December 5, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I enclose herewith press copy of a communication which I have received from Mr. Felix Gottschalk, in reply to my letter to him of the 2nd instant, copy of which I sent you.

I do not want to do anything with the Automatic Company in regard to patents or to take definite action on any subject until representation on the Board of Directors is arranged to our satisfaction.

Yours very truly,

Private Secretary.

December 5, 1890.

The Phil'a. & Reading Coal & Iron Co.,

F. P. Maercher, Esq., Secretary,

#227 So. Fourth St., Philadelphia, Pa.

Dear Sir:-

Replying to your letter of 3rd instant, Mr. Edison cannot use the ore which is referred to therein until he gets a mill erected on the property. If then he should find that he can use the ore, he would expect to pay the regular price for it.

Yours very truly,

Private Secretary.

December 5, 1890.

The Phil'a. & Reading Coal & Iron Co.,

F. P. Kaercher, Esq., Secretary,

#227 South Fourth St., Philadelphia, Pa.

Dear Sir:-

I beg to acknowledge the receipt of my counterpart of Lease from your Company to myself, for the West Point Iron Ore Lands, Putnam County, N. Y., duly executed in duplicate of which you have retained your part.

Yours truly,

December 5, 1890.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

Do you know has Mr. Bush arranged yet the representation on the Board of the Nickel-Slot Company? If we are going to manufacture these attachments there should be a meeting of this Board without delay. Work should be commenced before the Phonograph Works close, so that we can tell just what men to keep. Besides this, the Gilliland people are going ahead at the present time on the other model, and it is not going to be a good thing for this Company to have several different kinds of machines in use. In all probability it will mean exchange at some future time. They have already wasted a good deal of money, and there should be no delay more than is absolutely necessary in checking them.

Yours very truly,

Private Secretary.

Dec 6/90

I. Allen Esq
Pulitzer Building
New York

Dear Sir: Replying to your query in behalf of the San Francisco "Examiner" "What will be the most striking event of 1891" I believe it will be the triumph of Pasteur and the establishment on a firm basis of the germ theory of contagious diseases and the discovery of remedies therefor.

Yours very truly

Thos A Edison

Dec 6/90

J. E. Watkins Esq
Smithsonian Institution
Washington D.C.

Dear Sir: Your letter to Mr Jackson in regard to the Celebration of the Beginning of the Second Century of the American patent system, which the Citizens of Washington propose holding in April next, was handed to me today and I beg permission to say that I am in hearty sympathy with the movement.

I regret that I shall unself be unable to attend the Celebration having arranged to spend the month of April in Florida.

Yours very truly

Thos A Edison

December 6, 1890.

Major S. A. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

Mr. Edison has received your letter of 2nd instant in regard to the Welling Lease, Vernon, Sussex County, New Jersey, and he has noted contents of same.

With relation to the various ore properties which Mr. Edison is leasing etc., will you please inform me whether you are keeping a record as to when the payments on same are to be made, and if so will you advise concerning them in ample time; or are the records being kept in the office of the N. J. & Pa. Concentrating Works? I am not altogether familiar with the conditions surrounding these various properties - that is, whether Mr. Edison or the Concentrating Works shall make certain payments when they fall due; and I would like to have him define just how far my office here is to be responsible for these records.

Yours very truly,

Private Secretary.

December 8, 1890.

Messrs. Drexel, Morgan & Co.,

Cor. Wall & Broad Streets,

New York City.

Dear Sirs:-

Please sell Seventy Thousand Dollars of West Shore R. R. Co. 1st Mortgage 4% Guar. Bonds, being the balance of $200,000 held by you for my account, at par or better, and place proceeds to my account.

Yours very truly,

Thos. A. Edison

December 8th, 1890

Thomas Butler Esq.,

Edison Building, Broad St., New York.

Dear Sir:-

Referring to your telephone message of this P.M., to Mr. Ware, regarding the sale of $70,000. of West Shore Stock I hereby authorize you to sell, tomorrow, $25,000. of West Shore Stock, at the market price, the sale, of course, to be effected through Messrs. Drexel, Morgan & Company.

Yours truly,

Thos A Edison

December 8, 1890.

Messrs. Eaton & Lewis,

#120 Broadway,

New York City.

Dear Sirs:-

I have not yet been able to see Mr. Batchelor in regard to toy phonograph manufacture. I desired to question him in regard to delays which occurred when this work was first undertaken. Mr. Batchelor had charge of it, and is able to explain the cause of the Works having failed not only to deliver movements at the time prescribed in the contracts, but of their having from time to time named other dates for the commencement of delivery, running through the months of December, January and February and having failed to keep these promises also. I believe that it can be very clearly shewn that the responsibility for these delays rests as much with the doll people as with us. As I have been unable to reach Mr. Batchelor, and as I do not care to withhold any longer what information I have been able to accumulate thus far from the records, I will make a report to you, and after you receive the same you can doubtless make an appointment with Mr. Batchelor to come to your office and give you such information as is necessary

may be able to supply.

Yours very truly,

Private Secretary.

December 8, 1890.

Messrs. Eaton & Lewis,

#120 Broadway,

New York City.

Dear Sirs:-

I had a conversation with Mr. Edison on Saturday last in regard to the toy phonograph business, and he feels inclined to do anything and everything that may be necessary to wind up the Company. Of course before taking decided action in this direction Mr. Edison would want the details of procedure outlined so that he can gauge the effect of each step that may have to be taken. I had a conversation with Major Eaton upon this subject about ten days ago, when he informed me that any stockholder of the Company had the right to apply to the Courts with reference to winding up the concern. Assuming that we desire to wind it up and wipe it out of existence, Mr. Edison would like to have you submit to him the details of a plan of campaign. After receiving it he will decide definitely what he wishes done.

Yours very truly,

A. F. Ott

Private Secretary.

December 8, 1890.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

Referring to my letter of to-day which was handed to Mr. Butler addressed to Messrs. Drexel, Morgan & Co., requesting them to sell Seventy Thousand Dollars of West Shore R. R. Co. 1st Mortgage 4% Guar. Bonds, the same being balance of $100,000 held by D. M. & Co. for my account, at par or better, and to Mr. Butler's telephone message to the effect that 99 1/2 could only be obtained for the Bonds mentioned and asking for authority to sell ten thousand dollars worth at that figure, I beg to confirm my reply which was transmitted by telephone, authorizing the sale of twenty-five thousand dollars worth at the price named (99 1/2)

Yours very truly,

[illegible]

December 8, 1890.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between us to-day:

"Mr. Solomon is pressing me very hard to find out what you are doing on the new phonographs. He says that you promised to deliver six of them within five weeks of the time that he and Mr. Dolan were at Orange. Have you started making of the half dozen? If not when are you going to do so? He is so exercised about the matter that he says Mr. Dolan desires to see you either in New York on Thursday or at Orange if you cannot come in. If, however, you can give me some information as to the machines being built and when they will be finished I do not think you need bother about the interview. SAMUEL INSULL."

"We could have finished the machine in time promised, but they were told the machine was not completed; after completion the test showed a serious difficulty which we only got over day before yesterday. The machine is now undergoing a test and if all right to-morrow they will start at once on it. EDISON."

Yours truly,

Thomas A. Edison

Dec 9th 1890

Thos. Butler Esq
44 Broad Street
New York.

Dear Sir:-

In checking up the accounts of stock in the Edison General Electric Co. I find that Mr Insull has the following to account to Mr Edison for:-

Edison General Electric Co's Preferred Stock 1501 Shares
" " " " Deferred " 1320 "

My books show that Mr Edison has on hand 8798 Shares of Preferred and 4358 Shares of Deferred Stocks of the Edison General Electric Co.- which of course include the amounts held by Mr Insull, and if my books are correct Mr Edison should have deposited in the Safe Deposit Vault 7297 Shares of Preferred and 3038 Shares of Deferred Stock of the Edison General Electric Co.

In order to see if my accounts are correct I would be very thankful if you could obtain for me the number and amount of each certificate of both kinds of stock now deposited in the Safe deposit Vault.

Yours truly
John F. Randolph.

December 9, 1890.

Mr. Mr. Livoh, Esq.,
No. 19 Dey Street,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 5th instant in regard to protecting our property at Ogden against fire. He is not in favor of having a fire pump and boiler outside the buildings, as you suggest, but prefers the sprinkler system. Mr. Edison says, however, that a meeting of the Board should be called at once, at which the subject can be discussed and a method of protection against fire decided upon.

Yours very truly,

Private Secretary.

December 9,1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

At Mr. Edison's request I forward to you the enclosed copy of a letter received by him from Mr. Livor relative to protecting the Ogden property against fire. I have written Mr. Livor informing him that Mr. Edison does not approve of his suggestion to put a fire pump and boiler outside the buildings, but that he prefers the sprinkler system. Mr. Edison says that a meeting of the Board should be called at once to determine this question of protection against fire.

Yours truly,

Private Secretary.

C O P Y.

New York, December 6th 1890.

Thomas A. Edison, Esq., President,

Orange, N. J.

Dear Sir:-

I read in the papers that Mallory's Mill at Humboldt Gran burned down. This brings to my mind our rather unprotected conditions at Ogden in regard to fire. I have at Ogden from 1200 to 1500 feet of hose which could be operated by the pump in the boiler house, and this is our total protection from fire outside of 24 fire extinguishers. You of course know how serious a thing it would be for us if we were to meet with a fire at the present moment. I still think as I suggested to you verbally the other day, that we ought to have an independent fire pump and boiler outside the buildings, and connected in such a way as to draw water from both pond and river. I of course remember what you said in regard to sprinklers, but I think that our building being of such peculiar construction, is not well adapted for sprinklers, and I strongly recommend that we purchase immediately, a double acting fire pump and boiler, and if you desire to, we can put in sprinklers some time in the future. I feel confident that with this independent pumping station and a full branch pipe at the Mill, that a fire could not get the best of us. I hope that you will approve of my suggestion, and request me to coordinate pipe with

pumping equipment in. I have not as yet got figures as to cost, but my impression is that the total cost would be somewhere in the neighborhood of $3500 or $4000. Please let me hear from you generally in regard to this.

I presume that Mallory will rebuild, in which case it strikes me that it would be well for his engineer to come and examine your system at Ogden, as I feel confident that we have not only a very much better system than they had, but also a more effective class of crushing and conveying machines.

Yours truly.

(Signed) H. M. Lizor, General Manager.

December 9, 1890.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 2nd instant, enclosing copy of your Report of 1st instant to the Automatic Phonograph Exhibition Co. on the present status of their patents and applications, and he has noted your remarks in regard to Mr. Ott on page 8 of the said Report. We have been approached by the Nickel-Slot people relative to this matter, and it will probably come up at the next meeting of their Directors. I will return to you copy of Report in a few days; I desire to have a copy made of it.

Yours truly,

Private Secretary.

M. Z. Hartzell, Esq.,

Allentown, Pa.

December 9, 1890.

Dear Sir:-

Mr. Edison has received your letter of 6th instant, asking if he has arrived at any decision with relation to Rittenhouse Gap. In reply Mr. Edison has instructed me to say that he has completed the survey, and when you have time he would like you to come and see him. Please telegraph him three days ahead of your visit.

Yours truly,

Private Secretary.

September 7, 1894

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between yourself and Mr. Edison to-day:

"I would like to know if you can come to New York and meet Mr. Dolan and Mr. Seligman at the office of the latter at one o'clock on Thursday of this week.

Samuel Insull."

"I could do so, but it will take me away from work and I lose a day. I am personally engaged in experimenting on building cylinders for new phonograph union. I am happy to say, in a "daisy," and is in the hands of Bellows.

Edison."

Yours very truly,

Private Secretary.

December 9, 1890.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

C h i c a g o, Ill.

Dear Sir:-

Mr. Edison has received your two favors dated Dec. 5th and 6th, respectively, in regard to the fire which occurred in the Orange Hill recently.

I enclose herewith Mr. Edison's check for $200.00, in accordance with the request contained in your letter of 6th instant. Please acknowledge receipt of same, and oblige

Yours truly,

Private Secretary.

December 9, 1890.

J. B. Lippincott Company,
Publishers & Booksellers,
Philadelphia, Pa.

Dear Sirs:-

Mr. Edison has received your letter of the 1st inst. relative to an article on the phonograph for publication in the new edition of "Chamber's Encyclopaedia," now in course of preparation. In reply Mr. Edison has instructed me to say that he will be pleased to have such an article prepared and will forward the same to you as soon as completed.

Yours very truly,

Private Secretary.

December 9, 1890.

T. Commerford Martin, Esq.,

#160 B r o a d w a y ,

New York City,

My dear Sir:-

Mr. Edison would like you to prepare an article on the Phonograph, which the former can submit for publication in the new edition of "Chamber's Encyclopaedia," as indicated in the enclosed letter from the J. B. Lippincott Company, of Philadelphia. Please inform me if you can undertake the work.

BATTERY CATALOGUES. Please let me know how you are getting along with the Special Phonograph Catalogue, and the others. I would like to have the matter for all the catalogues as soon as you can supply it.

Yours very truly,

Private Secretary.

December 10, 1890.

Martin Force, Esq.,

Menlo Park, N. J.

Dear Sir:-

With reference to the mill similar to the sketch attached hereto, which we sent to you some time ago, are you still using the same? If not, Mr. Edison would like to have it at the Laboratory, where he can utilize it to good advantage. Please let us hear from you in regard to the matter at your earliest convenience.

Yours truly,

Edison Laboratory.

By

[illegible] 1890.

[illegible] Press Intelligence Co.,
P. O. Box 2747, New York City.

Dear Sirs:-

Please be good enough to watch the financial column of all the Boston papers, particularly the [illegible], and send Mr. Edison anything that appears therein concerning the Edison Phonograph Toy Manufacturing Company (Talking Doll). If possible please scrutinize these papers for any two weeks back, and much oblige

Yours truly,

Private Secretary.

December 10, 1890.

Major E. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has read your note of 9th instant, which accompanied the attached letter addressed to yourself by Messrs. Dyer and Seely, on the subject of process for duplicating phonograms, and he dictated the following reply: "The other part of the process is public property, the same having been published in my English patent."

Yours very truly,

Secretary.

In the old English phono. patents are shown electroplated matrix for making dup. phonograms

U S with e . . . V

December 10, 1890.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 9th instant, enclosing copy of letter received by you from Mr. Lombard relative to the sale of Graphophones. In reply, Mr. Edison has no objection to the Company selling these machines at the price named, and he approves all you say with relation to the 500 Graphophones which we have partly finished at Hartford.

Yours very truly,

Private Secretary

December 10, 1894.

George H. Stockbridge, Esq.,
"ELECTRIC POWER," #132 Nassau Street,
New York City.

Dear Sir:-

I have your letter of 3rd instant, enclosing letter of introduction from Mr. Richard N. Ware.

I take pleasure in sending herewith by this mail, under separate cover, a little book which was published in connection with the Edison exhibit at the Exposition held recently in Minneapolis. This book contains a brief description of each of Mr. Edison's inventions, as well as an account of his life, and many other particulars that will be useful to you in preparing the magazine articles of which you make mention. Trusting that this will be satisfactory

I am, yours very truly,

Private Secretary.

December 10, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Here is a letter which Mr. Edison has received from Prof. Thurston, of Cornell University, relative to furnishing that institution with a 20 h. p. Generator to drive the two Sprague motors that were presented to the University a little time ago by the Edison people. Mr. Edison wants to know if you desire to arrange this matter for Prof. Thurston.

Yours very truly,

Private Secretary.

Dec. 11, 1890.

Richard U. Ker, Esq.,

26 Wall Street,

New York City.

Dear Sir:-

Mr. Edison has asked me to refer to you for reply the enclosed letter received from Mr. John Kreusi, asking if any patents have been taken out in Canada on the new type of Multi-polar dynamo which is now being manufactured at the Schenectady Works. I have advised Mr. Kreusi that his letter has been referred to yourself.

Yours truly,

Private Secretary.

September 21, 1900.

John Kramer, Esq., Genl. Manager,
Genl. Mgr. Dep't. Edison Gen'l. Elec. Company,
Schenectady, N. Y.

Dear Sir:-

Your letter of 9th instant to Mr. Edison, asking if any patents have been taken out in Canada on his new type of multi-polar dynamo, has been duly received and referred by Mr. Edison to Mr. Richard N. Dyer for reply.

Yours truly,

Private Secretary.

December 11, 1894.

Miss Jennie L. Stilwell,

Menlo Park, N. J.

Dear Miss Stilwell,-

Mr. Edison has read your letter of 15th instant, and in reply he has instructed me to say that the old iron to which you refer must be permitted to remain at the Laboratory on account of a law suit.

Yours truly,

Private Secretary.

December 11, 1890.

Rix P. Bothwell, Esq.,

P. O. Box 1333, New York City.

Dear Sir:-

Your letter of 4th instant with relation to the phonograph, addressed to Mr. Edison, has been duly received.

The stipulations which the agents to whom you refer desired to place upon the use of the phonograph with which they offered to furnish you were not dictated to Mr. Edison; in fact, your letter under reply is the first intimation he has had of such a thing. Since the time to which you have reference the phonograph has passed into other hands, and the conditions surrounding it now render it absolutely impossible for Mr. Edison to give you a machine. We anticipate that within a reasonable time these cautious rules will be relaxed, and as soon as they are Mr. Edison will be able to give you an instrument, which he could not do now without being liable for breach of contract.

Yours very truly,

Private Secretary.

December 14, 1884

Frank Ewell, Esq.,
Astor Building, Broad Street,
New York City.

Dear Sir:

Your letter of introduction was duly presented by the Vicomte de Rochemont and the Baron de Ravignone. These gentlemen were shown through the Laboratory and the Phonograph Works, and everything was done to make their visit interesting. They were introduced to Mr. Edison, with whom they had quite a long conversation, and went away much pleased with their visit.

Yours very truly,

[illegible]

[illegible]

[illegible] Esq.,

Urbana, Ohio.

Dear Sir:

In reply to your circular letter of the instant, I beg to inform you that Edison's favorite poem is Longfellow's "Evangeline," his next preference being "Maud Muller" by Whittier.

Yours truly,

Private Secretary.

Dec. 11, 1890.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 10th instant, enclosing a paper giving extracts from the mineral lease of the Sussex County Iron Co. to the N. J. & Pa. Concentrating Works, the same being a description of property and information requested by our Mr. Reed. This paper will be handed to Mr. Reed as soon as he returns to the Laboratory.

Yours truly,

Private Secretary.

December 11, 1900.

Alexander Elliott, Jr., Esq.,

First National Bank Building,

P a t e r s o n , N. J.

Dear Sir:-

In your letter of 6th instant, which has been perused by Mr. Edison, the following paragraph occurs:

> "In those cases where we are compelled to commence operations within a specified time, it would be well for me to get a waiver of that clause or else an extension of time."

Mr. Edison would like to know the particular cases that are referred to in the above paragraph.

Yours truly,

Private Secretary.

December 1st 1890.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I have your letter of 9th instant in regard to Duplicate Cylinders, and in compliance with your request I enclose herewith copies of the two letters which you desire, and also press copy of the North American Co's reply to the letter addressed to it by the Phonograph Works.

I do not want to make original cylinders, and have no objection to the local companies making them. What I want is the manufacturing of duplicates, which are very different things from records made by musicians direct. The moment duplicates are to be had, the direct production of records will cease, as the former will be better and cheaper.

Yours very truly,

Thos A Edison

You will notice I made these cylinders "personally" not Laboratory in no formal action were sent Edison by phone who and they have seen fit [illegible]

Copy.

Orange, N. J., June 27, 1890.

The North American Phonograph Co.,
New York City.

Dear Sirs:-

The writer (as promised you on Friday) saw Mr. Edison Saturday, relative to your complaints on the Musical Records sent out by us, and we are this morning in receipt of letter from him on the subject, copy of which please find enclosed.

Yours very truly,

EDISON PHONOGRAPH WORKS,

By (Signed) A. MacGrattan.

COPY.

Orange, N. J. January 23, 1890.

Edison Phonograph Works,

Orange, N. J.

Dear Sirs:-

I have read the correspondence from various Phonograph Companies, addressed to the North American Phonograph Co., and referred by them to yourselves, complaining of the quality of musical records furnished from my Laboratory.

In response to your inquiries regarding these complaints I beg to say that I have permitted musical records to be made here purely as a matter of accommodation to the North American people. The work has taken up a considerable portion of space which I could have occupied to much better advantage; and I allowed it to go on simply to oblige those who had no facilities for making these records themselves. This necessitated not a little organization as we have been producing from one hundred to two hundred cylinders per day, each one of which had to pass through the hands of an employé whose sole duty it was to select only those which were absolutely perfect, the others being discarded and turned off. Those reserved for marketing were furnished you at cost price.

So long as the work required none of my personal attention I had no objection to its being carried on in my laboratory, but the number of complaints that I have been asked to meet lately has shown me very clearly that this business must be conducted by some

E. P. W. -2- Jan. 25, 1890.

one who has more time to devote to it than I have; or perhaps it might be more satisfactory for the different phonograph companies to make their own musical records.

I have to-day closed my Music Room and discharged the staff lately employed there. If you desire any information as to our methods, dimensions of tunes, or any particulars regarding details I will be very happy to furnish them to you.

The stock of records which we have on hand here will be sent to your store room on Monday.

Yours very truly,

(Signed) THOMAS A. EDISON.

T.

Dec 12th 1892

Saml. Insull Esq Treas.
Edison Phonograph Works.
New York.

Dear Sir:-

I beg to acknowledge receipt of your favor of the 11th inst enclosing eight demand notes drawn to the order of Mr. Edison for loans made to your company.

The amount mentioned in your letter $147035.00/100 agrees with the demand notes which I have on hand and squares Mr Edisons account for loans to date.

The three notes drawn to the Mr Edisons order and endorsed by him were handed me by your Mr Butler last night, on his request of Mr Edison.

Thanking you for the notes I remain.

Yours Truly

John F. Randolph

Dec 12 98

Alex. Elliott Esq,
Paterson N.J.

Dear Sir:-

Your letter of 5 inst. came while I was out of town. Also your letter of 6 inst. to Mr. Edison in regard to same referred to me at hand. I have called Mr. Edison's attention to the matter several times, but he is averse to increasing the surveying force at present and it has had to wait. I expect to go Monday with a man to survey Lanning property. I agree with you that the paper signed by Mr. Lanning should be gotten out of the way as soon as possible.

Yours truly
C. J. Reed

December 12, 1890.

W. H. Gilmore, Esq., Assistant Manager,
Gen'l. Mfg. Dep't. Edison Gen'l. Electric Co.,
Schenectady, N. Y.

Dear Sir:-

Your letter of 11th instant addressed to The Laboratory, in explanation of the delay which occurred in returning to the Phonograph Works certain dies for armature rings, has been duly received, and the same submitted to Mr. Edison, who made the following pencil note upon the correspondence:

"WILMORE: This is one of many shipping mistakes. It seems to me that your Shipping Clerk is the cause of a great deal of undeserved complaint made against the Machine Works."

Yours very truly,

Private Secretary.

December 12, 1890.

Charles Batchelor, Esq.,
453 West 25th Street,
New York City.

Dear Sir:-

Mr. Ott has asked me to inform you that he has to order your Scale, and that the same has not yet been received at the Laboratory; the same remarks apply to the Motor and the Lines. Your Magnet is being wound.

Yours very truly,

A. Freund Esq.

December 12, 1890.

Edward C. Cockey, Esq., Sup't. Supplies,

Supply Dep't., Wes. Union Telegraph Co.,

No. 6 Dey St., New York City.

Dear Sir:-

Referring to your letter under date 19th ultimo, in regard to the two sets of Quadruplex instruments which your Company kindly loaned to Mr. Edison, so that the same might be included in his Paris exhibit, and afterwards consented to the same being exhibited at the Exposition recently held in Minneapolis, I beg to inform you that the cases containing the exhibition goods are now at the Laboratory waiting to be unpacked, and as soon as this is done, which will be in a very short time, the instruments will be returned to you.

Yours truly,

Private Secretary.

December 16, 1880

Abram S. Hewitt, Esq.,

#17 Burling Slip,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 13th instant in regard to the Paquet furnace. He will have this property examined, and will then report to you on the subject.

Yours truly,

Private Secretary.

December 21, 1890.

James Tait, Esq.,
Cor. First and Court Ave.,
Des Moines, Iowa.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your letter of 18th instant, which came duly to hand and which he perused with much interest. Mr. Edison expects his father to visit him in the course of a short time, when he will bring your letter before him and discuss the subject of the Edison ancestry. It is possible that old Mr. Edison may remember some of the facts referred to in your letter, and when they have been brought to his attention, Mr. Edison will be very pleased to communicate with you again.

Yours very truly,

Private Secretary.

December 15, 1890.

H. Ward Leonard, Esq., Gen'l. Manager,
Intelligence Dep't., Edison Gen'l. Electric Co.,
Edison Bdg., Broad St., New York City.

Dear Sir:-

Mr. Edison has read your letter of 11th instant, also copy of letter accompanying same from the Williamsport Edison Company relative to the Thompson new watt-meter. In reply Mr. Edison has instructed me to say that as soon as the test of the Thompson meter is completed he will report to you regarding it. Mr. Edison's mechanical meter will soon be ready.

Yours truly,

Private Secretary.

December 16, 1890.

Board of East Jersey Proprietors,

P e r t h A m b o y , N. J.

Dear Sirs:-

I will pay ten dollars ($10) an acre for the mineral right on a strip of land in the east side of the Logan tract lying between the Forecite and Campbell tracts, which it is claimed belongs to your corporation, 25 chains wide in all, the strip including about 150 acres, and the right to purchase the land outright for an additional fifteen dollars ($15) an acre one year from receipt of deed, and will pay cash for same upon delivery of a deed from yourselves with assurance that your title has a reasonable chance of being sustained by law.

Yours truly,

Thos A Edison

December 2nd, 1892.

Major E. E. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I beg to confirm the following message from Mr. Edison telephoned to you to-day:-

"Better let Bush fight his own battles. I don't want pay anything. Of course if Bush engages you to help him I have no objection. EDISON."

Yours truly,

Private Secretary.

December 16, 1890.

Major S. H. Eaton,

$120 Broadway,

New York City.

Dear Sir:-

I beg to confirm the following message from Mr. Edison telephoned to you this morning:

"Insull said nothing to me about meeting you and Bush. I did not know they had decided to sell machines. Insull is overworked and has forgotten. EDISON."

Yours truly,

Personal Secretary.

December 17, 1890.

Mr. Edison,-

Referring to the attached correspondence, the first being a letter from the Edison Manufacturing Company bearing my signature, addressed to Mr. Insull, 2nd Vice-Pres't. Edison General Electric Company, and the second a communication from the latter addressed to you,

a. I am not in a position to prove the existence of any corporation known as the "Edison Manufacturing Company," and therefore cannot contradict the statement.

b. The correspondence in question, referring as it did to the battery business, I thought it would be proper to conduct in the name of the Edison Manufacturing Company. I have no feeling on this point, and will conduct it in the name of the Almighty if you wish.

c. I cannot myself conceive that you or anyone else would seriously propose that the Edison Gen'l. Electric Company would handle the business, involving the carrying of stock on a margin of 5%. The lowest discounts that we give to any dealers on our present size of cells, is 30% & 15% from lists. I offered the Edison Gen'l. Co. 30% & 15% and an extra 5%. The market price of

the cells is not established by us, but by the trade, which allows from 10% to 25% from our list prices. There is no pressing reason why the Edison Gen'l. Co. should allow more. In fact, if they are going to cut the throats of all the dealers we would very much better keep the business in our own hands.

The large cells for electric lighting purposes are not yet ready. When they come out I proposed giving the Edison Gen'l. Co. better discounts, as you will see by my letter.

The whole thing in a nut-shell is that it is absolutely impossible for us to quote any lower prices than those named in my letter, unless we wish to pay the Edison Gen'l. Electric Co. for condescending to handle our goods.

d. It would be interesting for me to know if any letters which I write in connection with this battery business are to be called into question as to authority. Perhaps you could furnish me with a stamp or a seal which I could attach to each letter, bearing a form of affidavit that I am authorized to handle the business.

December 17, 1890.

Mr. Edison,-

The Auditor of the Edison United Phonograph Company has finished his inspection of our books and checked every item in the bills rendered by us against that Company. Shall I ask the Company for a certificate of approval of the bills, or shall I start right in and dun them for money?

December 17, 1890.

Mr. Edison,-

With reference to the attached letter from Major Eaton in regard to Mining Leases.

The matter of these leases comes up from time to time in my office, and I wrote to Major Eaton, asking who was attending to the payments involved thereunder, being desirous of having definitely defined the extent to which my office is to be responsible for the keeping of records of payment etc. These leases seem to be passing through the hands of a good many people, and Major Eaton is in perhaps the best position of any one to take entire charge of them. Please indicate your wishes in the matter.

A. Fowle

December 17, 1898.

Tooke Straker, Esq.,

Boonton, N. J.

Dear Sir:-

Mr. Edison has received your letter of 15th instant in regard to the Chester Furnace plant, and he will bring the matter before his associates. Mr. Edison, however, is not quite ready yet to consider the purchase of a furnace property. He prefers to wait until his Ore Milling plants have been in operation some time - sufficient to determine how the process will work.

Yours very truly,

Private Secretary.

December 17, 1890.

E. D. A. Bell, Esq.,
The Canadian Mining Review,
Ottawa, Canada.

Dear Sir:-

Mr. Edison has read your letter of 12th instant, and in reply thereto he has instructed me to say that he is doing nothing at the present time in the Sudbury district and will not until the owners of property in that neighborhood come to their senses.

Yours very truly,

Private Secretary.

December 17, 1880.

My dear Mr. Mitchel,-

Replying to your letter of 13th instant, I beg to say that the novel to which you refer is being collaborated by Mr. Edison and Mr. Lathrop. I was not aware that you had any such idea as this. Mr. Lathrop has to my knowledge for a very long time - several years in fact - entertained a desire to accomplish this work, but until recently was never successful in interesting Mr. Edison.

Yours very truly,

W. H. Mitchell, Esq.,
The Orange Grove,
Santa Barbara, Cal.

December 17, 1890.

My dear Lathrop,-

The enclosed is very rich. I am afraid the little man thinks we extracted his great idea from him one Sunday evening at the Orange Club. I enclose copy of my reply.

Yours very truly,

George Parsons Lathrop, Esq.,

New London, Conn.

December 18, 1890.

Mr. P. F. Gilden,

Mount Olive, N. J.

Dear Sir:-

Mr. Edison has received your letter of 16th instant in regard to the lease of the Thomas Welling Mine. This lease will not expire if we pay up. After Mt. Bethel, Mr. Edison wants you to take up the Welling Mine.

Yours very truly,

Private Secretary.

December 18, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Here is a note from Mr. Wm. Carman in regard to an account which he has against the Ore Milling Company. I did not undertake to get Mr. Carman ten shares of stock for the $200 which he claims. All I undertook to do was to bring the matter to the attention of the Officers of the Ore Milling Company. I assured him that if he had a legitimate claim they would respect it. I neglected to refer to the matter earlier, but take pleasure in doing so now. I suppose Mr. Carman's bill will be found amongst the old records, or perhaps you are familiar with his claim.

Yours very truly,

Private Secretary

December 18, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Were you present at any meeting of the Automatic Phonograph Exhibition Company at which the Officers were authorized to commence suit against the North American Phonograph Company? An early reply will much oblige

Yours very truly,

Private Secretary.

December 18, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message from Mr. Edison telephoned to your office to-day:-

"Henderson writes that he will have blue prints made of little motor. If you are going to wait for blue prints you will be much delayed. Why not ship motor to Schenectady and let them go ahead? EDISON."

Yours truly,

Private Secretary.

December 19, 1890.

Edison United Phonograph Company,

G. N. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:-

Your letter of 4th instant addressed to the Edison Phonograph Works, with relation to Mr. Edison's bill for Phonograph No. 8514 and supplies amounting to $215.11, shipped to the City of Mexico August 16th last, has been referred to the Laboratory for reply.

The phonograph in question was presented to Senor Don Rubio, Secretary of the Interior of the Republic of Mexico.

At a meeting of the Executive Committee of the Edison United Phonograph Company held 28th April, 1890, Mr. Edison was authorized to manufacture twenty-five phonographs to be used for distribution in foreign countries to distinguished people for the benefit of the Company, and the presentation above referred to was made in accordance therewith.

Yours very truly,

Chas. Batchelor

Private Sec'y.

December 19, 1899.

Edison United Phonograph Company,

Mills Building,

New York City.

Dear Sirs:-

Mr. Edison would be very pleased to receive from your Company a check in payment of his account, bills for which have been rendered. An early compliance with this request would be very much appreciated.

Yours very truly,

Private Secretary.

December 19, 1890.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

With reference to your letter of 8th instant, in reply to mine of the 6th, in regard to Mining Leases and the payments involved thereunder, I have called Mr. Edison's attention to this subject and he has instructed him to inform you of his wishes in the matter. Mr. Edison desires you to look after all the payments in connection with the various mining properties, whether belonging to him personally or to the New Jersey & Pennsylvania Concentrating Works. He wishes you to keep a record of when the guaranteed royalties, taxes etc. are to be paid and to notify the proper parties in due season. You will, therefore, please understand that Mr. Edison expects you to take sole charge of this business, and to keep track of all the payments to be made under the various mining leases. This office is to be in no way responsible for anything in connection with these mining matters, and any communications or documents that you may send to us relating thereto will be simply for our information and for reference.

Yours very truly,

Private Secretary.

December 20, 1890.

J. B. Lippincott Company,
Publishers & Booksellers,
Philadelphia, Pa.

Dear Sirs:-

Referring again to your letter of 6th instant addressed to Mr. Edison, I take much pleasure in enclosing herewith the required article on the PHONOGRAPH, for publication in the new edition of "Chambers's Encyclopaedia." It is complete in all essentials, and I trust you will find the same satisfactory. I also enclose a blue print of the perfected instrument.

Yours very truly,

Private Secretary.

December 20, 1890

T. C. Martin, Esq.,

1159 Broadway,

New York City.

Dear Mr. Martin,-

I am much obliged for your letter of 15th instant, enclosing article on the Phonograph, which Mr. Edison has perused and pronounced satisfactory.

Please return to me the letter of the Lippincott Company.

Yours very truly,

Private Secretary.

December 22, 1890.

Edison Phonograph Works,
Mr. Henry C. Ware,
Orange, N. J.

Dear Sir:-

I enclose herewith a letter under date December 18th received by Mr. Edison from Messrs. Eaton & Lewis, with relation to the Buckalew matter. As you will see, Messrs. Eaton & Lewis have succeeded in settling this case for $500, and Mr. Edison desires you to have a check made out for that amount to the order of McCarter, Williamson & McCarter, Attorneys. This check should be made out at once, as prompt payment was one of the conditions of settlement. Please send the check to this office, and I will see that it is forwarded to Messrs. Eaton & Lewis. Please return the letter of Messrs. Eaton & Lewis.

Yours very truly,

Private Secretary.

December 22, 1890.

Dr. Thomas Egleston,

Columbia College, New York City.

Dear Sir:-

Mr. Edison has read your letter of 18th instant in regard to the monument to Audubon which it is proposed to erect in New York City. In reply Mr. Edison has instructed me to inform you that he is in entire sympathy with this object, and that you may put him down for $100.

Yours very truly,

Private Secretary.

December 22, 1890.

My dear Delany,-

Your letter of 19th instant in regard to Berliner's Gramophone is duly at hand. He never was got the fine overtones. I have only succeeded lately in getting the second overtone and am going to stop there.

Yours very truly,

Thomas A. Edison
Jr.

Patrick B. Delany, Esq.,
South Orange, N.J.

December 22, 1900.

Mr. C. E. Eaton,
420 Broadway,
New York City.

Dear Sir:-

Mr. Edison has read your letter of 19th instant in regard to the Welch case. He wants this case delayed. Money is so very tight now that Mr. Edison prefers to have a settlement with Welch postponed until later.

Yours very truly,

Private Secretary.

December 22, 1890.

Samuel T. Hensel, Esq.,

The Post-Dispatch,

St. Louis, Mo.

Dear Sir:-

Your letter of 10th instant with relation to your son has been duly received and perused by Mr. Edison, whose advice relative to the future course to be pursued by the young man in his electrical studies, is embodied in the following note written by Mr. Edison himself upon your letter:

"Give him a good common school education, then secure a place for him in some Electrical Works - Don't send him to College."

Yours very truly,

Private Secretary.

December 23, 1890

J. J. Greenough, Esq.,

Fort McPherson, Atlanta,

Ga.

Dear Sir:-

Your letter of 16th instant addressed to Mr. Edison came duly to hand. Since the report went forth that Mr. Edison was experimenting with aerial navigation he has been flooded with ideas from all quarters of the globe. It is impossible for him to read all the letters he has received on this subject, and in addition to this they will be of no practical benefit to him, as he simply made a few fundamental experiments to determine certain points, and stopped there.

Thanking you for your letter

I am, yours truly,

Private Secretary.

Dec. 26, 1890.

John F. Emmons, Esq.,

Newtonville, Box 1,

Mass.

Dear Sir:-

Your letter of 15th instant to Mr. Edison in regard to the Edison Phonograph Toy Manufacturing Company, has been duly received.

At the adjourned stockholders meeting held in Portland on the 30th of October last, Messrs. Weld, Mackintosh and Hutchinson appeared with several thousand more votes than Mr. Edison was able to command, and they elected their own Board.

As to the affairs of the Toy Company, I beg to state that they owe a very large amount of money to the Edison Phonograph Works in connection with the manufacture of speaking mechanisms. Mr. Edison's circular to the stockholders asking for their proxies was in effect a request to place the control of the business policy of the Company in his hands, and was made in the belief that the experience at the command of himself and those associated with him in merchandising new inventions would ensure the success of the Toy Company's business. In order to carry out fully and quickly the plans which Mr. Edison had in mind, it was necessary that he should have control of the machinery of the Company, and he therefore asked permission to name the next Board of Directors. In addition to this, it was felt that if the Company's chief creditor, the Edison Phonograph Works, knew that the Company's policy had been changed and was being matured by Mr. Edison they would have more confidence in the ability of the Company to carry out the various provisions of its manufacturing agreements, and would for the same reason exercise more forbearance with respect to the Company's debt pending the development of a trade which an experienced hand ought to be a large one. This part of the arrangement was misrepresented to the stockholders through the medium of the proxies by implied statements to the effect that Mr. Edison, personally, was the Company's chief creditor, and it was intimated that on this account it was worth while to place the control of the Company in his hands. Mr. Edison is the President of and a large stockholder in the Edison Phonograph Works and they are the Company's chief creditors. The Company's debt to the

 December 23, 1890.

Edison personally, feels up only a few thousand dollars for expenses to date. While there may be a number of stockholders who even under these circumstances might have considered it unnecessarable to allow Mr. Edison control of the Kay Phonograph Company, the reports which were issued are none the less misstatements which, in explaining the matter to you, I consider it but just to correct.

The situation to-day is that the stockholders of the Company declined to accede to Mr. Edison's request for permission to change the policy of the Company, and he has therefore felt it only consistent to decline his election as a member of the present Board, so that the control might be placed entirely and wholly in the hands of those whom the stockholders have selected as their representatives. Under these circumstances, I can make no prediction as to the future of the Company, as I am entirely unfamiliar with the methods which it proposes to pursue.

Yours very truly,

Fredric Stearns.

Dec. 23, 1890.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I beg to confirm the following message from Mr. Edison telephoned to you this morning:

"Henderson writes Kennelly, says he's going to change half horse motor to make it look better, also going to use Mitis iron; he says Krouse agrees with him. Now if these things are to be done I might as well stop. Mitis iron was tried and did not answer. You will be sure to get in trouble by theoretical changes. If the motor is not exactly as wanted, return it with criticisms, but don't make any changes. Please attend to this at once, and answer. EDISON."

Yours truly,

Private Secretary.

December 4th, 1890

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following message from Mr. Edison telephoned to you this morning:

"Please have three sizes of best incandescent motors shipped to the Laboratory by express as soon as possible - half horse power 110 volts, one horse power 110 volts, and three horse power 110 or 220 volts. Perret or C & C are probably best, but let us have them right off." EDISON."

Yours truly,

Private Secretary.

December 23, 1890.

Edward D. Easton, Esq., President,
The Columbia Phonograph Company,
627 F Street, N. W., Washington, D. C.

Dear Sir:-

Referring to your letter dated 10th instant to Mr. Samuel Insull, on the subject of improvements to the phonograph, copy of which has been forwarded to Mr. Edison, the latter desires me to inform you that all the suggestions which you made in this connection have been carried out and are embodied in the new phonographs. Everything that you asked for has been provided.

Yours very truly,

Private Secretary.

December 23, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Your favor of 22nd instant, enclosing copy of letter received by you from Mr. Edward D. Easton, President of the Columbia Phonograph Co., on the subject of improvements in the phonograph, has been duly received by Mr. Edison.

After reading this correspondence Mr. Edison instructed me to write to Mr. Easton to the effect that all the suggestions which he made in the above connection have been carried out, the same being embodied in the new phonograph, and I am doing so by this mail.

Yours very truly,

Private Secretary.

December 8th, 1890.

Samuel G. Burn, Esq.,

Brookside, N. J.

Dear Sir:-

Your letter of 21st instant has been duly received by Mr. Edison, who perused it with much interest. He says that you need not correspond with Mr. Shaffer. Mr. Edison will visit Brookside at the earliest possible moment. In the meantime he wants you to go ahead and get out all the mica that you can.

Yours very truly,

Private Secretary.

Dec. 23, 1890.

Samuel Insull, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 22nd instant, in regard to a new motor which is being put upon the market by the Thomson-Houston people, and he has noted all your remarks in that connection. He says that he will be ready with his new motor very shortly.

Yours very truly,

Private Secretary.

December 23, 1890.

P. F. Gildea, Esq.,

Box 117, c/o A. B. Hann,

Mt. Bethel, N. J.

Dear Sir:-

Your letter of 20th instant to Mr. Edison has been duly received and perused by him. What you propose doing has his approval, and you can proceed with the work.

Yours truly,

Private Secretary.

December 23, 1890.

George Richards, Esq.,

Dover, N. J.

Dear Sir:-

Mr. Edison has received your letter of 20th instant, and says that your people will have to wait a little while longer, as he is not quite ready yet. Mr. Edison has only just finished his triangulations and has got about 60% of the corners spotted; he is proceeding with the rest of the work as fast as possible.

Yours very truly,

Private Secretary.

December 23, 1890.

Samuel Insull, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I beg to confirm the receipt of your telephone message of to-day to Mr. Edison and the latter's reply thereto, as follows:

"Mr. Villard was very much disappointed you could not come in this morning. His friend Mr. Kriesman, sails next week. You make an appointment to come in next Monday and be here by 12 o'clock.
SAMUEL INSULL."

Mr. Edison's reply: All right!

Yours truly,

Private Secy.

December 23, 1890.

Edison United Phonograph Company,

G. N. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:-

In reply to your letter of 20th instant, I beg to inform you that Joseph Hoffman, of Berlin, is the famous boy pianist who created such a furor in America some time ago. A phonograph and supplies therefor were presented to him for the same reason that similar presentations were made to other distinguished people in Europe.

In regard to the Recording funnel, billed at $21.36, this was a large funnel for recording music, and the price named is the exact amount charged against Mr. Edison by the Phonograph Works for the same.

Yours very truly,

Private Secretary.

December 24, 1890.

V. H. McRae, Esq., Manager,

The Phonogram,

New York City.

Dear Sir:-

I have received the first number of "The Phonogram" which you kindly sent to me, and I am very much pleased with it. From both a literary and typographical point of view the Magazine is excellent, and you have my best wishes for its future success.

Yours very truly,

Private Secretary.

December 30, 1890.

Mr. P. F. Gildea,

Box 117 Mt. Bethel, N. J.

Dear Sir:-

Mr. Edison cannot understand what this last shipment of 78 samples or so with accompanying chart means. It is dated December 10th and marked 1 to 78. The first lot were also marked 1 to 100. I assume that this cannot be a repetition of the 1st lot. , Please explain, and oblige

Yours very truly,

Private Secretary.

December 26, 1890.

My dear Mr. Skehan,-

Your letter of 18th instant, informing me of the recent addition to your family and of your wife's desire to name her boy baby "Edison" after myself, has been duly received and perused by me with much interest.

Please say to your good wife that it gives me a great deal of pleasure to grant the permission asked for, and that in gratifying her desire she does me honor. The next best thing to being the father of a boy is to have one named after you, and I am experiencing all the pleasure usual in such cases.

I beg that Mrs. Skehan and yourself will accept my congratulations and very best wishes for the young man's future.

Yours very truly,

Thos. A. Edison

To
J. B. Skehan, Esq.,
414 & 16 Broad Street,
New York City.

December 27, 1890.

H. E. Jepson, Esq.,
#30 South Maple Avenue,
East Orange, N. J.

Dear Sir:-

Mr. Edison has read your letter dated 23rd instant, informing him that the question of granting a franchise to the Newark Passenger and Rapid Transit Railway Companies through East Orange, will come up for decision on Monday night, when an effort will be made to have the Companies agree to use Storage Battery cars, and also saying that you intend to read to the Committee a copy of the Affidavit made by Mr. Edison last September in the suit against the Rapid Transit Company, to the effect that there are no cars of the system mentioned yet in successful operation.

In reply Mr. Edison has instructed me to inform you that he still holds the same opinion on this subject as when he made the Affidavit referred to in the foregoing.

Yours very truly,

Private Secretary.

December 27, 1890.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Mr. Edison has received your memorandum of 24th inst., informing him that it has been arranged that Meadowcroft shall leave the Lamp Company as soon as he gets back from a long business trip he is about to take under Mr. Insull's direction, and go with you. Mr. Edison says that this is a very good idea.

Yours very truly,

Private Secretary.

December 27, 1890.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Re N. J. & Pa. C. Works Mining Properties. Mr. Edison has read what you say on this subject in your letter of 24th instant, received this morning, and he says to let Mr. Perry attend to the payment of royalties and taxes on all properties belonging to that Company, inasmuch as he prefers to look after the matter himself.

Yours very truly,

Private Secretary.

December 27, 1890.

H. W. Seely, Esq.,

Messrs. Dyer & Seely,

#36 Wall St., New York City.

Dear Sir:-

Mr. Edison has read your letter of 24th inst., in regard to the matter of the third wire connected to the middle of the carbon loop. He would like you to come out and see him about this.

Yours very truly,

A. Tate

Private Secretary.

A.

December 29, 1890.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

With reference to the enclosed copy of order received this morning from Mr. Everett Frazar, Mr. Edison desires you to furnish Mr. Frazar with the required spectacle arms. Please send the same forward at once. These spectacle arms are to duplicate defective parts which were sent to Yokohama on a previous order of Mr. Frazar, and they should not be charged against Mr. Edison, but should be furnished gratis. Four of the spectacle arms previously sent to Japan were unaccompanied by the new combined recorder and reproducer, and were therefore useless. It would cost more than the defective spectacle arms are worth to return them from Japan, and the ones now on order are to replace them.

Yours very truly,

Wm. Tate

Private Secretary.

M.

C O P Y.

New York, Dec. 27, 1890.

Thomas A. Edison, Esq.,

O r a n g e.

Dear Sir:

Order

Referring to my letter to Mr. Tate of the 3rd instant, and subsequent telephoning to the Laboratory: Will you please send to my office on Monday or Tuesday the 4 spectacle arms* complete. In supplying same will you please let me have such as would be suitable for Machines shipped to Japan say one year ago? I mention this, as they are to be used on old machines.

Yours very truly,

(Signed) EVERETT FRAZAR

* With Sleeve and nut arm. My Yokohama firm wishes to convert old machines on hand into those of the latest pattern.

December 29, 1890.

Everett Frazar, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

I have received your order of 27th instant for four spectacle arms complete, suitable for machines shipped to Japan say one year ago. I have sent this order to the Edison Phonograph Works, with instructions to give the same immediate attention.

Yours truly,

Thomas A. Edison.

Dec 30th 1890

O. S. Wiley Esq.
Orange N.J.

Dear Sir;

Your account on my books amounting to $461.03/100 has been running long enough and I wish you send me same or at least a portion of it or I must take other means to collect it.

Hoping to hear from you immediately in regard to it, I remain

Very truly
Thos. A. Edison
R.

December 30, 1890.

George Richards, Esq.,

D o v e r , N. J.

Dear Sir:-

I beg to confirm the following telegram sent to you to-day by Mr. Edison, in reply to your letter of 29th instant:

"Better send your man here to explain to us just what is wanted. You have a hard gang to deal with. EDISON."

Yours truly,

Private Secretary.

12/21/90.

Edison Phonograph Mfg.

Gentlemen,

During my visit to Ogden yesterday Mr. Lewis asked that you forward the packing for shipping boxes of the feed apparatus which Oil Separator.

I would suggest that instead of the goat hair (which was gritty) used upon the experimental machine at the Lathy, that scrap felting be used. The scrap can be bought from N.W. Johns & similar line of trade at prices far below that asked for it in sheep.

Jerome Campell - the man who fills the boxes upon the Lathy machine can give you the weight required.

The first shipment of drums & has not reached Ogden yesterday. I believe shipment was made via O.R.C. All shipments should be made via O.R.C. & W.

Yours Truly

C.H. Thomas.

December 31, 1890.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Your letter of 29th instant in regard to my electric light interferences and the manner in which they were conducted, has been received. In reply thereto I would again remark, that where the issue is of any value I get beaten. Of course I get justice when there is nothing to be gained by deciding against me.

As to the Maxim interference on the Thermostatic Regulator, to which you refer, Wilbur bulled this in his preliminary statement.

Yours very truly,

December 31, 1890

Messrs. Dunlap Smith & Co.,

N. W. Cor. Dearborn & Monroe Sts.,

Chicago, Ills.

Dear Sirs:-

Mr. Edison is very much obliged for your letter of 23rd instant, informing him that "Edison Park" is now rejoicing in its first native born citizen---Edison Zutell. Please convey to the parents of Master Zutell Mr. Edison's congratulations and his best wishes for the young man's future.

Mr. Edison is glad to learn that "Edison Park" is progressing and he hopes that ere long your flourishing suburb will have quite a formidable roll call of native born citizens.

Yours very truly,

Private Secretary.

January 2, 1891.

Prof. Wm. D. Marks,

No. 909 Sansom Street,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison has asked me to acknowledge the receipt of your letter to him under date 31st ultimo, and to inform you that he, personally, is agreeable to all that you want done in connection with the Philadelphia Station.

Yours truly,

Private Secretary.

January 2, 1891.

Miss V. H. McRae, Business Manager,

The Phonogram, Room 127, Pulitzer Bdg.,

New York City.

Dear Madame,-

Mr. Edison has read your letter of 31st ultimo. He would like you to send him the first number of THE PHONOGRAM, of which he has not yet seen a copy. After Mr. Edison has had an opportunity of perusing the Magazine he will communicate with you relative to the subject matter of your letter. If he is favorably impressed, and no doubt he will be, he may subscribe for a few shares of the stock himself.

Yours very truly,

A. Gade,

Private Secretary.

Ch.

To

December 31, 1890.

DR. V. STEPHAN, Honorary President,

Elektrotechnische Verein,

Berlin, W., Germany.

Dear Sir:-

I beg to acknowledge with many thanks the receipt of your esteemed favor under date 7th ultimo, and also of the Diploma which the Board of Administration of the Elektrotechnische Verein was good enough to send to me, as evidence of my Honorary Membership in that Society.

In a previous letter I requested your President, Mr. Hake, to convey to the members of the Elektrotechnische Verein my grateful thanks for the honor which they have done me, and he has no doubt carried out my wishes. This testimony of appreciation on the part of the members of your Society is very gratifying to me, and rest assured that I accept their Diploma with a great deal of pleasure and shall prize the same very highly.

Yours very sincerely,

Thos A Edison

January 5, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 2nd instant and copy of letter dated Dec. 23rd addressed by Dyer & Seely to Mr. Upton with relation to the Sawyer Hydro-Carbon Patent, and he says in reply thereto that we cannot get round the detail patents of Maxim.

Yours very truly,

Private Secretary.

January 5, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Referring to the Resolution, draft of which I handed to you some time ago, and which was designed to ratify the division of Edison Phono. Works stock issued to Mr. Edison between the latter and the Mercantile Trust Company, you will recollect that in your letter to me dated 5th November last you asked me to take pains to remember that the resolution in question had better be passed at the next meeting of the Board. There is a special meeting of the Directors to be held to-morrow (Tuesday) at 12 o'clock noon in Mr. Insull's office at the Edison Building, New York, and I send you this letter so that action may be taken on the matter referred to herein.

Yours very truly,

Secretary.

January 5, 1891.

Thomas Butler, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following message received from you to-day, and my reply thereto:

"Send out notices of a special meeting of the Board of the Phonograph Works to be held at the Edison Building, Mr. Insull's room to-morrow (Tuesday) at 12 o'clock.
THOMAS BUTLER."

REPLY: "Notices of a special meeting of the Board of the Phonograph Works, to be held in Mr. Insull's office at the Edison Bdg., Broad St., New York, to-morrow (Tuesday) 12 o'clock noon, have been addressed to each of the Directors, and the same will go forward by this evening's mail. T. H."

Yours truly,

Chas. Maguire

B.

January 6, 1891.

W. H. Smith, Esq.,

#65 Pleasant St.,

Dorchester, Mass.

Dear Sir:-

Your letter of 5th instant to Mr. Edison in regard to the Edison Phonograph Toy Mfg. Company, is at hand.

At the adjourned stockholders meeting held in Portland on the 30th of October last Messrs. Weld, Mackintosh and Hutchinson appeared with several thousand more votes than Mr. Edison was able to command, and they elected their own Board.

As to the affairs of the Toy Company, I beg to state that they owe a very large amount of money to the Edison Phonograph Works in connection with the manufacture of speaking mechanisms. Mr. Edison's circular to the stockholders asking for their proxies was in effect a request to place the control of the business policy of the Company in his hands, and was made in the belief that the experience at the command of himself and those associated with him in merchandising new inventions would ensure the success of the Toy Com-

pany's business. In order to carry out fully and quickly the plans which Mr. Edison had in mind, it was necessary that he should have control of the machinery of the Company, and he therefore asked permission to name the next Board of Directors. In addition to this, it was felt that if the Company's chief creditor, the Edison Phonograph Works, knew that the Company's policy had been formed and was being matured by Mr. Edison they would have more confidence in the ability of the Company to carry out the various provisions of its manufacturing agreement, and would for the same reason exercise more forbearance with respect to the Company's debt pending the development of a trade which in experienced hands ought to be a large one. This part of the arrangement was misrepresented to the stockholders through the medium of the press by inspired statements to the effect that Mr. Edison, personally, was the Company's chief creditor, and it was intimated that on this account it was undesirable to place the control of the Company in his hands. Mr. Edison is the President of and a large stockholder in the Edison Phonograph Works and they are the Company's chief creditors. The Company's debt to Mr. Edison personally, foots up only a few thousand dollars for experimental work. While there may be a number of stockholders who even under these circumstances might have considered it undesirable to give Mr. Edison control of the Toy Phonograph Company, the reports which were issued are none the less misstatements which, in explaining the matter to you, I consider it

but just to correct.

The situation to-day is that the stockholders of the Company declined to accede to Mr. Edison's request for permission to shape the policy of the Company, and he has therefore felt it only consistent to decline his election as a member of the present Board, so that the control might be placed entirely and wholly in the hands of those whom the stockholders have selected as their representatives. Under these circumstances, I can make no prediction as to the future of the Company, and I am entirely unfamiliar with the methods which it proposes to pursue.

Yours very truly,

Private Secretary.

[An identical copy of this letter was sent on January 5, 1891 to W. I. Brock, Quincy, Illinois in response to his letter of December 24, 1890 (pp. 327-329).]

January 6, 1891.

W. S. Perry, Esq., Secretary,

Edison Ore Milling Company, Limited,

Edison Bdg., Broad St., New York City.

Dear Sir:-

With reference to your letter to Mr. Edison dated December 18th but received only a few days ago, in which you refer to the inability of Mr. Mallory to carry out the provisions of his contract with your Company, and saying that the latter would be willing to enter into an entirely new agreement with Mr. Mallory in the general spirit of the old contract: Mr. Edison is of the opinion that you had better hold off a little on this matter and take no action in regard to it at present. Mr. Mallory may drop the business and give us back the territory now controlled by him, which Mr. Edison would very much prefer.

Yours very truly,

Private Secretary.

January 6, 189[illegible]

Chas. N. Jenks, Esq., Sec'y,

The Western N. C. Mining & Improvement Co.,

Asheville, N. C.

Dear Sir:-

Mr. Edison has read your letter of 31st ultimo in regard to Corundum, and in reply he has instructed me to inform you that he is not now interested in the subject. Some time ago he was looking for this mineral with the intention of using it in connection with the phonograph cutting tools. He was, however, unable to obtain any sufficiently hard for that purpose and was obliged to use sapphire. None of the corundum to be found in the South is suitable.

Yours very truly,

Private Secretary.

January 6, 1891.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

Please sell twenty-five thousand dollars of Cincinnati, Indianapolis, St. Louis & Chicago R. R. 1st Mortgage 4% 50 yr. Bonds, at 95, or better for my account, and place proceeds to my credit.

Yours very truly,

Thos. A. Scott

January 7, 1891.

Forward opposite—

I want the accounts of the Edison Phonograph Works audited and fixed up to January 1, 1891, and collateral (N. A. P. Stock) to secure it.

Also the Experimental Account at Laboratory to January 1st, 1891, with collateral.

Also the settlement of the extra shares which I was to get as consideration for extending note and taking extra risk.

I will extend note until March 15th to permit this to be done.

I am already $540,000 out.

Thos A. Edison

Jan. 7, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I enclose herewith for your information press copy of a letter dated January 6th received by Mr. Edison from Mr. Lippincott, in regard to the latter's note for $68,575, and interest from Oct. 1, 1889, which falls due this week, together with copy of Mr. Edison's reply thereto. Copies of this correspondence have also been sent to Major Eaton.

Yours very truly,

Private Secretary.

January 7, 1891.

MAJOR S. B. EATON,-

I sent you a memorandum to-day regarding renewal of Lippincott's note.

I want that stock given me which depended on his issuing stock to public but which failed, so as to give me the stock promised.

Also: We are going over the books of the Phonograph Works and are taking stock--having practically closed the factory. We expect to finish it by March 1st, and will then know what Lippincott owes the Works under the contract, which allows us 20% profit. Get him to agree in writing and approved by the North American Co., that they will audit the accounts which are to be made out according to contract, and that if ready on the 1st of March they will give the Phonograph Works notes for the full amount, spread over a period of three years, and all machines, appliances or repairs shipped from Works after the 1st of January, 1891, including cylinders, are to be paid for in cash, which is to be credited on the notes; in addition as security for notes an additional amount of N. Y. & Metropolitan stock at 30¢ on dollar.

The North American Co. is to give notes for the experimenting up to January 1, 1891, covering a period of one year, with coll-

lateral in the shape of North Am. Co. stock at 25¢ for double the full amount. If this is done I will further extend the note until July 1, 1891.

I think that this is only fair. All I want is security, and even then its character is poor. I have put up more money than Lippincott, personally, as I believe he had partners, while he may, if he pulls through, make a pile of money. I wont, even if he does, and if he don't I shall lose a great deal. This raising several hundred thousand dollars in a panic has been tough on me.

RE TOY COMPANY.

Please look at the contract and see when they have to pay Lippincott and myself the minimum sum. How would it do to notify them that no further extensions will be made and that we shall demand and expect the sums due on date?

In foregoing the minimum, did we forego it altogether, or only postponed it, and will they be compelled to pay past dues?

Thos. Edison

C O P Y .

B.

Orange, N. J. January 12, 1891.

Miss V. H. McRae, Manager,

T h e P h o n o g r a m ,

New York City.

Dear Madame,-

I return herewith the Article of Incorporation which accompanied your letter of 9th instant. I regret that I have been unable to obtain Mr. Edison's signature to this document. He prefers, however, not to sign it.

Yours very truly,

(Signed) A. O. T a t e ,

Private Secretary.

Jan. 7, 1891.

Miss V. H. McRae, Business Manager,

THE PHONOGRAM,

World Building, New York City.

Dear Madame,-

Referring again to your letter of 31st ultimo, and also to your letter of 3rd instant, Mr. Edison will subscribe for five (5) shares of the stock in your magazine, "The Phonogram." He also desires you to send to him five copies of the paper monthly.

Yours very truly,

Private Secretary.

January 7, 1891.

George Parsons Lathrop, Esq.,

New London, Conn.

My dear Sir:-

Your letter of 6th instant was duly received by Mr. Edison, who says that he tried to dictate the notes to the phonograph, but failed. He has, however, about 56 pages of notes ready, and he will send them to you by mail to your address at New London.

Yours very truly,

Private Secretary.

January 7, 1891.

T. C. Martin, Esq.,

#150 B r o a d w a y ,

New York City.

Dear Sir:-

I take pleasure in enclosing herewith check for $15 received by me from the J. B. Lippincott Company, of Philadelphia, in payment for the article on the Phonograph which was prepared by yourself some little time ago. I have endorsed the check in your favor. Kindly acknowledge its receipt, and oblige

Yours very truly,

Private Secretary.

January 7, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I have your letter of 2nd instant in regard to the argument made before Judge Lacombe on the question of making the injunction permanent which was heretofore granted at the request of the Exhibition Company against the North Am. Phono. Company.

It seems to me that Lippincott does not own the phonograph yet until all the agreements are carried out. There has been a great deal about the graphophone kept from us by Lippincott that I don't like.

Yours very truly,

Thos. A. Edison

M.

January 8, 1891.

H. Park Bowden, Esq.,

Westbury Park, B r i s t o l,

England.

Dear Sir:-

Replying to your letter of 23rd ultimo addressed to Mr. Edison, I beg to inform you that the phonograph would record the sounds resulting from the explosion of a steam-boat's boiler, even were the boat a quarter of a mile distant. It is also quite practicable for one phonograph to record a message delivered by another.

Yours truly,

Private Secretary.

January 9, 1891.

Eugene H. Lewis, Esq.,

Messrs. Eaton & Lewis,

New York City.

Dear Sir:-

I just finished this Report to-day. I would like to have had Mr. Edison read it before sending it to you, but as I am still confined to the house and could not be with him when reading it, to explain different parts of it, I have thought it better to get all the papers out of my hands and into yours and wait until a later day for any criticism ~~your~~ he may have to make. In preparing this report I have taken the written record as a text and adhered rigidly to it all the way through. Wherever a date is mentioned in the report it is verified by a letter or some other paper in the accompanying bundles, which will be found in its proper place. All the accompanying papers are arranged according to date. In addition to the information which I now hand you, you should be supplied with a report from Mr. Batchelor and one from Mr. Edison. I will attend to the latter. Perhaps you can arrange to get the former, as I very seldom see Mr. Batchelor. Before he writes or dictates anything for you, I think it would be well to let him

E. H. Lewis, Esq. -2- January 9, 1891.

read my memorandum.

Yours very truly,

Private Secretary.

January 9, 1891.

W. S. Mallory, Esq.,

No. 7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I beg to confirm the following telegram sent to you to-day in reply to yours of even date:-

"Ogden mill will not start until about February 10th. A. O. Tate."

Yours truly,

A. O. Tate

Private Secretary.

N.

January 9, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

In regard to the draft of resolution which I handed to you some time ago, and which you spoke to Mr. Randolph about yesterday when you were at the Laboratory, as explained in my letter of 5th instant, this resolution was designed to ratify the division of Phono. Works stock issued to Mr. Edison between the Latter and the Mercantile Trust Co. I have caused a search to be made through our files for a copy of the resolution, but there does not seem to have been a copy of it made, as one cannot be found.

Yours very truly,

Private Secretary.

January 9, 1891.

Mr. Eugen Hartmann, President,

Elektrotechnical Society of Frankfort O/M,

Germany,

Dear Sir:-

Mr. Edison has received your esteemed favor under date 30th ultimo, in regard to the International Congress of Electricians, which the Electrotechnical Society of Frankfort O/M proposes to organize during the Electrical Exhibition which is to be held in their City some time this year.

In reply Mr. Edison has instructed me to inform you that he is in entire sympathy with this movement, and you have his permission to use his name on the circular which it is your intention to publish, inviting electricians of all countries to participate in the deliberations of the Congress.

Mr. Edison regrets very much that it will be impracticable for him to send any communication to the Congress, for the reason that his present experimental work calls for so much of his personal attention as to leave him no time for the preparation of the same.

Over.

In compliance with your request, I beg to inform you that Mr. Edison's correct address is "Orange, New Jersey, U. S. A."

Yours very truly,

Private Secretary.

January 10, 1894.

Everett Frazar, Esq.,
#124 Water St., New York City.

Dear Sir:-

Your letter of 7th instant, in regard to 2,000 blank cylinders which were shipped to your New York address some time ago and forwarded from there to your house in China, is at hand. We remember this shipment very well. The cylinders were sent from the Laboratory on the 17th of September last. They were of the latest pattern, a little larger than the old-style cylinder, and were intended to be used in connection with a rubber sleeve or shell which fitted over the brass mandril of the phonograph. Twenty-five of these rubber shells accompanied the shipment in question, and if you will instruct your people in China to place one of the same on each phonograph, they will find that the cylinders fit perfectly. I am surprised that the purpose for which these rubber sleeves were sent did not suggest itself to your people immediately, and I am sure that by this time they have discovered their use. If you desire it we will send you 25 additional rubber sleeves, which you can send to Shanghae. Each phonograph requires one sleeve. In view of the foregoing explanation I assume that it will not be necessary for us to consider the question of taking back the cylinders.

Please let me hear from you as to whether you desire us to send the 25 additional shells, and oblige

Yours truly,

Private Secretary.

January 10, 1891.

Eugene H. Lewis, Esq.,

Messrs. Eaton & Lewis,

#120 Broadway, New York.

Dear Sir:-

Re Toy Phonograph : I have still to send you the details of our claim exclusive of bills already rendered. I have these figures before me now and am preparing an explanation of the various items. When the same is completed I will forward it to you.

Yours very truly,

Edw Fade

Private Secretary.

M.

January 10, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison Gen'l. Electric Company,

New York City.

Dear Sir:-

Mr. Edison has received your letter of 9th instant, enclosing copy of letter received from Mr. Charles A. Lieb in relation to the Eickemeyer patents.

In reply Mr. Edison says that it would take a large sum of money to do anything with Eickemeyer, and as the field is open, he thinks it would be better for the General Company to devote half the money to experimenting and get out our own apparatus. Mr. Edison is certain that we are now O. K.; Phelps was here last night and has data for complete car.

Yours very truly,

A. O. Tate

Private Sec'y.

M.

January 12, 1891.

Thomas Butler, Esq., Secretary,
New Jersey & Pennsylvania Concentrating Works,
Edison Bdg., Broad St., New York City.

Dear Sir:-

I beg to acknowledge having received from you Stock Certificate No. 204, for ninety-nine (99) shares of the Capital Stock of the N. J. & Pa. Concentrating Works, value $9,900.00,, covering call of January 2nd, 1891, paid for by me with balance of open account----------$4,784.41

Check on Drexel, Morgan & Co., January 6th, 1891--- 5,115.59

$9,900.00

Yours very truly,

Thomas A. Edison

January 12, 1891.

Major S. B. Eaton,
#120 B r o a d w a y ,
New York City.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning by Mr. Edison, in reply to your letter of 11th inst.:

"My note to Lippincott plainly states that the arrangements specified in the note must be carried out before we extend to March, and if he wants it until July the further arrangements must be made as per note to you. Don't take any note until everything is fixed. EDISON."

I tried to telephone the above message to you this morning, in accordance with the request contained in your letter, but the Laboratory telephone was out of order, and we were unable to establish communication with your office.

Yours very truly,

Private Secretary.

January 12, 1891.

Miss V. H. McRae, Manager,

The Phonogram,

New York City.

Dear Madame,-

I return herewith the Articles of Incorporation which accompanied your letter of 9th instant. I regret that I have been unable to obtain Mr. Edison's signature to this document. He prefers, however, not to sign it.

Yours very truly,

Private Secretary.

January 12, 1891.

Thomas Butler, Esq.,
Edison Building, Broad St.,
New York City.

Dear Sir:-

I beg to confirm the following telephone messages exchanged between us to-day:

"Will you please call a meeting of the Board of Directors of the Edison Phonograph Works to be held at Mr. Insull's office, Edison Building, at 12 o'clock noon, Thursday. Kindly advise Major Eaton of time and location of this meeting,- i. e. Edison Building. THOMAS BUTLER."

MR. TATE'S REPLY:

"In accordance with your instructions I have called a meeting of the Board of the Edison Phonograph Works for Thursday next, 15th instant, 12 o'clock noon, at Mr. Insull's office in the Edison Building, New York, and have advised Major Eaton thereof. A. G. Tate."

Yours truly,

Secretary.

January 12, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

My dear Sir:-

Edison v Gilliland and Tomlinson. Mr. Edison has read your letter of 10th instant in regard to this suit, and he says in reply for you to go ahead and insist upon the answer being filed at once.

Yours truly,

Private Secretary.

January 12, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City,

Dear Sir:-

Your letter of 10th instant to Mr. Edison, with relation to searching the titles to the various mining properties, has been duly received and perused by him. Mr. Edison says in reply that he thinks his plan is a fairly good one. He has his Surveyor go himself and get the record, run the lines and establish the boundaries; then if there is a missing link he turns it over to the lawyers.

Yours very truly,

Private Secretary.

January 12, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Replying to your letter of 9th instant, re Edison Phonograph Toy Mfg. Co. royalties, Mr. Edison desires that you notify the Toy Company that the agreement will be terminated as provided for in Section 2.

Yours very truly,

Private Secretary.

January 12, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Mr. Edison has read your letter of 11th instant, referring mainly to the Exhibition Company fight. He notes what you say in regard to selling phonographs with a restriction, so that the machines cannot be used for nickel-slot purposes; also your remarks relative to taking up the plan which you and Mr. Bush were at work on before the fight began. Mr. Edison says that he is willing to consent to all this if Mr. Insull thinks it is O. K.

Yours very truly,

Private Secretary.

January 12, 1891.

Samuel G. Burn, Esq.,

B r o o k s i d e , N. J.

Dear Sir:-

Your letter of 11th instant has been duly received by Mr. Edison.

In regard to sizes of mica, Mr. Edison says not to do anything about sorting yet, as he wants to see if he can't get rid of splitting; for the present just store the mica.

Mr. Edison notes what you say about Mr. Allen, of Lisbon, N. H., having discovered a mountain of ore, and he would be pleased to receive from Mr. Allen samples of the same.

Yours truly,

Private Secretary.

January 13, 1891.

E. Rasetti, Esq.,

#76 Finsbury Pavement,

London, E. C., England.

Dear Sir:-

With reference to your letter of 24th ultimo addressed to Mr. Edison, requesting information relative to sums collected by your co-editor Mr. W. Stiassny, on account of advertisement in the Album "The Universal Exhibition of Paris 1889," I beg to inform you that no money was remitted by Mr. Edison to the gentleman named. This is the first intimation Mr. Edison has received of the existence of the Exhibition Album, and he would be obliged if you would inform him who authorized the advertisement which you mention in your letter.

Yours very truly,

Private Secretary.

January 13, 1891.

Jesse Seligman, Esq.,

Mills Building,

New York City.

Dear Sir:-

At Mr. Edison's request I forward to you herewith copy of a letter from the U. S. Minister at Santiago, Chili, addressed to the Hon. Wm. R. Trescot, and referred by the latter to Mr. Edison, with relation to the presentation of a phonograph to the National University of Chili. You will recall the previous correspondence on this subject. Mr. Edison would be pleased to receive your instructions in regard to this presentation, and he will delay replying to the letter of the Hon. Wm. R. Trescot until he hears from you in the matter.

Yours very truly,

Private Secretary.

B.

C O P Y.

Washington, January 8th, 1891.

Thos. A. Edison, Esq.,

Dear Sir:-

I enclose a letter just received from the U. S. Minister, Santiago Chili, in reference to former correspondence.

If you would wish your answer to go through the State Department, if you will send it to me, I will see that it is so sent.

Please return the letter.

Respectfully,

(Signed) Wm. Henry Trescott.

B.

C O P Y.

Santiago, Chili. November 29th, 1890.

Honorable Wm. R. Trescott,

Department of State,

Washington, D. C.

Dear Sir:-

Your much esteemed letter of the 29th July reached me in due course enclosing the letter of Mr. Edison which conveyed the very generous and very welcome information that the Edison United Phonograph Co, had, at his suggestion, determined to present to the National University of Chili one of its phonographs with a complete outfit. I delayed my reply in expectation of receiving from Mr. Isaac Seligman the communication indicated in the letter of Mr. Edison, but up to the present it has not reached me. In its absence I communicated, informally, to the Rector and Secretary of the University the information conveyed in the letter of Mr. Edison and both felt most grateful. The University will gladly give the guarantee required by the Company, in any manner that may be desired, and I feel confident that the generous action of this Company will do much to strengthen the friendship between the two Countries. Personally, as well as upon broader grounds, I feel grateful to the Company and to Mr. Edison for this patriotic action and to yourself

for all the trouble you have taken.

If the Company will be kind enough to have the instrument sent on by one of Messrs. Grace & Co's. ships, addressed to me, it would afford me great pleasure to make the presentation in its name and to obtain the necessary guarantee; And Mr. Edison would greatly enhance the value of the gift if he would send, by means of the phonograph, a few words from himself to the Faculty and Students of the University. . . . . .

With my best wishes I remain

Dear Sir,

Yours very faithfully

(Signed) Patrick Egan.

January 14, 1891.

Alex. Elliott, Jr., Esq.,

Paterson, N. J.

Dear Sir:-

I beg to acknowledge having received from you the receipts mentioned in your letter of 15th instant, viz., receipt for $1500 paid for Ten Eyck lease of Welling property; receipt for $50 paid Stephens, and receipt for $100 paid A. L. and S. W. Salmon.

Mr. Reed handed the within deed from Thos. I. Halsey and wife to Louisa Elliott, to the writer, with the remark that it should be forwarded to your father; not knowing your father's address I take the liberty of sending the deed to yourself, and would request that you kindly send it to ~~the former~~ your father.

With reference to your note of 12th instant in regard to the Mt. Olive property, Mr. Reed informs me that he gave you the information verbally which you desired on this subject.

Yours very truly,

Private Secretary.

January 14, 1891.

The Fidelity & Casualty Co.,
Rob't. J. Hillas, Esq., Secretary,
#214 & 216 Broadway, New York City.

Dear Sir:-

Your postal card of 12th instant, informing us that your Company desires to make an internal and external inspection of our steam boilers, is at hand.

There are three boilers at the Laboratory, two of which are in continual use, the third being kept in reserve in case of emergency. The last named boiler can be inspected any time, but the only day upon which we could arrange for an inspection of the two former would be on a Sunday. If it is practicable for your Inspector to call at the Laboratory on that day, please have him notify us ahead of his intended visit, and we will see that everything is in readiness for him.

Yours very truly,

The Edison Laboratory

By Geo. Ingraham

Jan. 14, 1891.

W. B. Kunhardt, Esq., Acting Sec'y.,
American Institute of Mining Engineers,
23 Burling Slip, New York City.

Dear Sir:-

Replying to your letter of 5th instant addressed to Mr. Edison, in which you refer to the intention of the Council of the Iron and Steel Institute of Great Britain to publish a memorial volume descriptive of the recent visit of the members of the Institute to this country, and also saying that you have been requested by the Secretary to procure for him a historical and descriptive account of the Edison Laboratory, I am sending to you by this mail, under separate cover, copy of a little book that was published in connection with the Edison exhibit at the Exposition held in Minneapolis a few months ago. This book contains a description of the Laboratory, and other data such as is desired by the Secretary of the British Iron & Steel Institute. Trusting that the same will answer his purpose

I am, yours very truly,

Private Secretary.

January 15, 1891.

James Watt, Esq.,

Corner First & Court Ave.,

Des Moines, Iowa.

Dear Sir:-

Referring again to your letter of 10th ultimo, with [illegible] to the Edison ancestry, Mr. Samuel Edison (father of Thomas Alva Edison) has been here and your letter was submitted to him. He states that none of the people mentioned in your communication were in any way related to his family. The old man is now in his 88th year and he can trace his pedigree back for several centuries. He is of Dutch descent, and his great-grandfather was one of the leading bankers on Manhattan Island at the time of the Revolution, some of the family having emigrated to America in 1730. The mother of Thomas Alva Edison was a native of Massachusetts, of Scotch parentage; her maiden name was Mary Elliott.

Yours very truly,

Private Secretary.

January 15, 1891.

Chas. W. Price, Esq., Secretary,

Electrical Review,

New York City.

Dear Sir:-

With reference to your letter of 14th instant to Mr. Tate, in regard to the Edison Manufacturing Co. account, we regret to say that Mr. Tate is still confined to his room, and Mr. Edison is on his way to Pt. Huron, to attend the funeral of his brother. Under these circumstances it is impossible for us to send you a check this week. Mr. Tate expects to be able to attend to business again next week, and one of the first matters that we shall bring before him will be the balance due you by the Edison Mfg. Company.

Yours very truly,

The Edison Laboratory

Geo. S. Lord Mgr.

Samuel Insall, Esq.

Kennelly is very busy
on the Motors. Now
Hendum comes in &
wants Pneumatic
determination this will
take 10 days Kennelly
says he cant do both
at once which shall it
be drop motors or
keep at them. only 3 more
sizes which will let him
be free in 10 @ 12 days
I cant understand why
Pneumatic tubes are
wanted in such a hurry
They cannot lay them now
or is they want to have
working first 2 days
Eden

448½

January 16, 1891.

Messrs. Eaton & Lewis,

#120 Broadway,

New York City.

Dear Sirs:-

Re New Jersey State Tax. I beg to thank you for your letter of 12th instant, explaining the above matter. As you are aware, the whole of the Capital Stock of this Company is held by Mr. Edison as security in part for the balance due by Mr. Lippincott on the purchase of the phonograph patents for the United States and Canada. If the Company were restrained "from the exercise of any franchise or the transaction of any business," and if the patents were assigned to a trustee, subject to Mr. Edison's lien, would it leave us as free to act as promptly as if the present status of the Company remained unaltered? We now control the Board of Directors. If a trustee were to be appointed, would we not have to consult Mr. Lippincott, and if an outsider was selected would it in any way hamper us?

There is another side of the case which strikes me, and it is this: Is not Mr. Lippincott bound to provide the money to liquidate this State tax, if we are obliged to make the payment? When this stock was given to Mr. Edison as collateral, it was not encumbered by these claims of the State. Is it not Mr. Lippincott's duty to prevent depreciation of the value of the security, if it be considered undesirable to transfer the patents to a trustee?

Does your letter mean that if these patents were so assigned they would not be liable to attachment by the State for the Company's indebtedness?

Yours very truly,

Secretary.

Jan 19th. 1891

Mrs. F. G. Lockwood
Milan. Ohio.

Dear Mrs Lockwood.

Your favor of the 6th inst came to hand. enclosing accounts against my father Samuel Edison amounting to $31.60/100.

As my father has just started away on a long trip for his health and it would be a long time before I could reach him, I enclose you herewith my check for the amount which of course you understand I know nothing about and is the first that I have heard of it.

Please acknowledge receipt of same and oblige

Yours truly
Thos. A. Edison
R.

January 19, 1891.

Eugene H. Lewis, Esq.,

Messrs. Eaton & Lewis,

New York City.

Dear Sir:-

Will you kindly let me know if you have gone through the papers which I recently sent to you in regard to the business of the Edison Phonograph Toy Mfg. Co. We are making up an inventory at the factory, and if you are familiar with the subject as so far presented, I would like to go into town and see you about it at an early day.

Yours very truly,

Private Secretary.

January 19, 1891.

Alexander Elliott, Jr., Esq.,

P a t e r s o n , N. J.

Dear Sir:-

With reference to your letter of 15th instant, in regard to the De Camp property at Ogden, Mr. Edison says that he does not want it.

Yours very truly,

Private Secretary.

January 19, 1891.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

With reference to the enclosed letter from Messrs. Eaton & Lewis, saying that they have retained a local lawyer in New Jersey in connection with the Attachment suit against the Edison Phonograph Toy Mfg. Company, please draw a check for $100 to the order of Albert Watson, in accordance with Messrs. E. & L's letter, and send it to this office. I will then forward it to Messrs. Eaton & Lewis.

Yours truly,

Private Secretary.

January 19, 1891.

W. S. Mallory, Esq.,

#7 West Randolph Street,

Chicago, Ills.

Dear Sir:-

I beg to confirm the following telegram sent to you to-day in reply to your letter of 15th instant:

"We have one of the new machines here.
A. O. Tate."

Yours truly,

Private Secretary.

January 19, 1891.

Col. George E. Gourand,
Edison House, Northumberland Ave.,
London, S. W., England.

Dear Sir:-

Referring to your letter of 13th October last, enclosing three statements of account, identified as A, B. & C, covering, respectively, Machinery sent to you during the month of May, 1888: Supplies for Mr. Connery in connection with the Mexican business: and Accounts paid by you for me in England: I beg to say that the first two amounts, aggregating $572.35 are, in my opinion, a proper charge against you, and I see nothing in your letter under reply to make me change this view. If the Edison United Phonograph Co. is to assume all or any part of this amount, the matter should be arranged by you.

In regard to Statement C, detailing disbursements made by you for my account in England, there is an error in this statement of $5.15 in my favor. The total amount of the same £6-16-11, equalls in American currency $33.85, and not $39, as figured by you. I have therefore given you credit for $33.85, and enclose herewith credit memorandum for the same.

Yours very truly,

Geo. E. Gourand

January 20, 1891.

W. E. Hibble, Esq.,

Ft. Myers, Florida.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning:-

"My father and another gentleman will be at your place some day this week. Please have house ready for them; they will be alone."

Yours truly,

Thos. A. Edison

January 20, 1891.

Mr. Thomas Butler, Sec'y.,
N. J. & Penn'a. Concentrating Works,
Edison Building, Broad St., New York City.

Dear Sir:-

I enclose herewith check to the order of your Company for $455.91, which together with cash advanced by me to Mr. Alex. Elliott, Jr., $1650, and amount of bills rendered $1474.09, pays the last call made on the unpaid Capital Stock of your Company, as well as the amount which I owe you for poles, $280. This will be clear from the following:

Call payable 13th January 1891----------	$3,300.00	
Amount due you by me for poles----------	280.00	
	$3,580.00	$3,580.00

Cash advanced to Mr. Elliott for your account----------	$1,650.00
Bills rendered----------	1,474.09
Check enclosed herewith----------	455.91
	$3,580.00

Yours very truly,

January 20, 1891.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

I enclose herewith copy of a letter received from Col. Gouraud under date 18th October last, in regard to his outstanding accounts. I have replied to this letter, informing Col. Gouraud that I do not recognize the deduction of the amounts identified by him as statements "A and "B," copies of which are attached hereto, and telling him that if the Edison United Phonograph Company is to assume either or both of these, he should himself arrange for that Company to take them over.

You will observe that Col. Gouraud says at the end of his letter that he has requested the United Company to pay me a certain amount out of the amount payable by that Company to him. I do not know what this means and have asked the United Company if they can advise me when the amount admitted by Col. Gouraud will be tendered. I give you this information so that when the matter comes up you will understand what the difference is between Col. Gouraud's figures and mine.

January 20, 1891.

Col. Gouraud has made an error of $5.15 (Statement "C") in exchange, explained in one of the accompanying papers.

Yours very truly,

Copy.

London, 18th October, 1890.

T. A. Edison, Esq.,

Orange, N. J., U. S. A.

Dear Sir:-

In preparing for the final settlement of our outstanding accounts, and coincident with turning over stock etc. to the "United Phonograph Co.," I find the position to be as follows:

After allowing for the corrections you have already made, and upon the assumption that I accept the values of the material as final, and that I admit my liability for numerous things sent me by you, without any authority from me, and which, for the purpose of this letter, I am assuming to admit, but without prejudice, pending the final settlement; I find the position to be thus:-

As per your last statement rendered----------		$5495.24
From these further deductions have to be made as follows (as per schedules annexed):-		
"A" Machinery a/c	$262.60	
"B" Connery a/c	309.75	
"C" Accounts paid by me for you in England	39.00	
		611.35
		$4883.89.
I paid you on account after the signing of the agreement of amalgamation the sum of----------		2500.00
Leaving now due by me----------		$2383.89

"A" This is for items which appear to be machinery for making phonogram blanks, these not only not having been ordered by me, but you will remember when subsequently being short of blanks, I cabled you to know whether I should manufacture them here; I received your reply in the negative. This no doubt was overlooked by you on making out the invoice which was not sent for nearly two years after.

"B" I also deduct the shipments represented by this amount which were made to Mexico, and which were without my order or knowledge, but if they are still subject to your order and control, the "United" Co. will no doubt assume the account upon receiving your assignment to them of the material in question.

"C" These were amounts paid by me on your account in London, and which speak for themselves. I notified you at the time of making these payments that I had done so, leaving the settlement

until the adjustment of accounts between us.

When these several deductions are made the amount appearing to my debit remains $2333.89 (as shown on the other side) and I am writing by this mail to the "United" Co. to pay you this amount out of the amount payable by that Co. to me. They will take your final discharge on a receipt which I have sent to them for this purpose.

Yours faithfully,

(Signed) G. E. Gouraud.

"A"

Date of Invoices.		
1 8 8 8.		
5th May.	CASE 7. Six brass moulds with iron stand and part wooden table.	$ 75.00
" "	CASE 9. Part of wooden table for moulds 2 hangers and 1 pulley for countershaft.	13.60
" "	CASE 10. 1 complete countershaft.	
	Shaft with pulley alone.	9.00
		15.00
" "	CASE 11. 1 inside reaming tool for wax blanks with table and steam chest.	100.00
" "	CASE 12. 1 outside turning tool for wax blanks with gas stove.	50.00
		$262.60.

"B"

Phonograph goods shipped to T. E. Connery, Mexico, at various times as per invoice dates below.

1889.			
10th October.	2 Phonographs style "M" $45--$90.00		
	Allow $2.70 for Battery	3.40	$84.60
	1 Barrel phonograph blanks		11.25
	4 Flute records		3.00
	4 Piccolo records		3.00
	4 " "		3.00
	4 Clarionet records		3.00
	4 Violin "		3.00
	4 Band "		4.00
	2 Extra recorders		4.50
	2 Extra reproducers		4.50
	5 Recorder points		.75
	5 Reproducer points		.60
	5 Cutting knives		.60
	2 Main shaft centres		.22
	2 Governor centres		.06
	2 Arm shaft "		.21
	2 - 100 thread nuts		.40
	5 Sets diaphragms		.85
	2 Main belts		.18
	2 Return screw belts		.11
	48 Sticks Soda		.09
			$127.92
	Add 15% royalty		19.19
	2 No. 1 Batteries		31.00
	48 Soda Sticks		7.68
	18 pair oxide plates		12.16
	Boxing and packing		.75
			$198.70
22nd October.	1 Phonograph style "T" No. 3422.$45.00		
	Add. 15% royalty	6.75	51.75
14th November.	12 Band Records	$12.00	
	Add. 15% royalty	1.80	13.80
	6 Battery cords		4.50
1890			
1st January.	Consul and Commissioners fees etc. for papers for Mexico, 21st Nov. 1888		21.00
	Consul and Commissioners fees etc. for papers for Mexico, 24th Jan. 1890		20.00
			$309.75

"C"

1888. 20th March	Paid this day the Proprietors of newspaper "IRON" your subscription to that paper for one year and 12 weeks to 20th March, 1885. Circumstances explained to you in my letter dated 21st March, 1888 and acknowledged by you 4th April 1888. Receipt sent you by me for this payment 27th April, 1888, and acknowledged by you 8th May, 1888---£1-16-11---$ 9.52	
1889 5th February.	Advanced this day to Mr. Osgood Wiley under circumstances explained to you in my letter dated 6th Feb. acknowledged by you 20th Feb. 1889 and mine in reply to youre dated 7th March, 1889---£5-0-0	24.33
	£6-16-11	$33.85

This £6-16-11 (Sterling Money) represents in United States dollars an equivalent of----------$39.00

00----------00

STATEMENT OF COLONEL GOURAUD'S ACCOUNT.

Amount as per last statement rendered		$5,495.24
Deducted by Col. Gouraud:		
"A" Machinery a/c, details annexed	$262.60	
"B" Connery a/c " "	309.75	
"C" Accounts paid by Col. Gouraud for Mr. Edison in England	39.00	
		611.35
		$4,883.89.
Paid on account by Col. Gouraud after signing of agreement of amalgamation		2,500.00
Balance now due according to Col. Gouraud		$2,383.89
Error made by Col. Gouraud in exchange (Statement C); 6-16-11 equals in American money $33.85, instead of $39.00; error in favor of Mr. Edison		5.15
The deduction of items "A" and "B" is not admitted by Mr. Edison; they aggregate of these amounts is		572.35
And the amount due Mr. Edison according to his books is		$2,901.39

Letterbook, LB-047

This letterbook covers the period January-February 1891. Most of the letters are by Alfred O. Tate. There is also correspondence by Edison, John F. Randolph, Charles J. Reed, and E. W. Thomas. Many of the letters relate to the manufacture and marketing of the phonograph and to legal and financial dealings among the various phonograph companies. Some of the legal correspondence concerns the suit brought against Edison and the Edison Phonograph Works by the Edison Phonograph Toy Manufacturing Co. Other letters relate to mining and ore milling, electric lighting, electric traction systems, and the Sims-Edison torpedo. There are also documents pertaining to experiments conducted at the West Orange laboratory for Edison-affiliated companies, including the Edison General Electric Co. and the North American Phonograph Co. Some of the letters pertain to patent matters and to Edison's personal finances; several refer to his trip to Schenectady, N.Y. to conduct experiments at the Edison Machine Works. There are also letters about Edison's family, including the death and funeral of his brother, William Pitt, and his efforts to secure a job for his cousin, Annie K. Doak. The spine is stamped "Letters" and is labeled "From Jan 20, 1891" The book contains 493 numbered pages and an index. Approximately 40 percent of the book has been filmed.

January 20, 1891.

Samuel Insull, Esq.,
Edison Building, Broad Street,
New York City.

Dear Sir:-

You will remember that when we received Col. Gouraud's letter of the 29th of October last, replying to Mr. Edison's letter regarding the Connery business, you asked me if I would prepare a reply. I wrote you several times for Col. Gouraud's communication in order that I might comply with your request, but it was only received at the Laboratory during my recent illness. Do you want to open the matter up again, or do you consider it better for us to stand on the record as it now is?

Yours very truly,

Private Secretary.

January 20, 1891.

Frank O. Johnson, Esq., Chairman,)
S. F. Lawton, Esq., Secretary,) Mass. Electrical Engineers and Mechanics Association, Boston, Mass.

Dear Sirs:-

On my return to the Laboratory this morning after a week's absence in the West, where I was called to attend the funeral of my brother, I find your esteemed favor of 9th instant, inviting me to be present at an entertainment to be given on the 29th of this month by the Mass. Electrical Engineers and Mechanics Association, a majority of the members of which you inform me are employees of the Edison Electric Illuminating Co. of Boston.

I appreciate very highly your kindness in extending to me this invitation, but regret that it is impracticable for me to accept it. I very seldom get away from the Laboratory, and just at present my experimental work is so important and urgent that to leave it is out of the question.

I beg to tender you my best wishes for the future success of your Association, and remain

Yours very sincerely,

Thomas A. Edison

January 20, 1891.

Edison United Phonograph Co.,

Mills Building,

New York City.

Dear Sirs:-

Referring to my account outstanding with Col. Gouraud, I beg to advise you that on the 18th of October last I received a letter from him in which he stated that by the same mail he was writing to you to pay me a certain amount out of the amount payable by yourselves to him, and that he had sent you a form of receipt for the purpose. Can you inform me when the amount in settlement of this account is to be tendered me? Col. Gouraud did not state, nor am I aware what moneys he referred to as being due him by yourselves, nor did he name any definite time when the account would be settled. His language was: "I am writing by this mail to the United Company to pay you this amount out of the amount payable by that Company to me."

Yours very truly,

Thos A Edison

Jan 30th 91

Major S. B. Eaton
#120 Broadway
New York

My dear Sir: The Edison Phonograph Works is, as you are aware, preparing a statement of o/c against the North American Phono. Co which will be made up in accordance with contract as interpreted in behalf of the Works. I presume there is no doubt that this construction of the agreement will be disputed, in view of which I would suggest that you obtain a copy of the proceedings of the North Am. Phono. Co. in regard to tax levied upon their Capital by the State of New Jersey. It is quite probable that some of the evidence taken in this connection will assist in sustaining the position which the Works intend to assume. Myself testified

#7

for the Works and I had in mind the probability of affairs assuming the shape they have now taken — and expressed myself accordingly. If the N.A.P.Co confirmed my statements by any subsequent act I am sure the record would be useful to us. It is possible too that some of the N.A.P.Co officials may have committed themselves.

Yours very truly

[illegible]

2342

January 21, 1891.

W. R. Gilmore, Esq., Ass't. Gen'l. Manager,

Schenectady Wks., Edison Gen'l. Electric Company,

Schenectady, N. Y.

Dear Sir:-

I return herewith bill of the Schenectady Works dated October 31, 1890, against Mr. Edison for $300.68, on account of Labor and material used on 1 Octopolo Dynamo and armature. Please read Mr. Insull's note on the back of same, instructing you to cancel the bill and charge to experimental a/c.

Yours truly,

Private Secretary.

Jan. 21, 1891.

Messrs. Eaton & Lewis,

#120 B r o a d w a y ,

New York City.

Dear Sirs:-

I have your letter of 16th instant, informing me that in the attachment suit against the Edison Phonograph Toy Mfg. Co. you have retained a local lawyer in New Jersey for the purpose of convenience and accuracy, and requesting a check for $100 to the order of Albert Watson, as a retaining fee to said lawyer. In compliance with this request I take pleasure in enclosing herewith check of the Edison Phonograph Works for the amount named. Kindly acknowledge its receipt.

Yours truly,

Thos. A. Edison

January 21,1891.

Frank K. Spence, Esq.,

Messrs. Peter Spence & Sons,

Manchester, England.

Dear Sir:-

Mr. Edison has read your letter of 7th instant, in which you ask his opinion as to the practicability of exhibiting a speaker's utterances from moment to moment to an open air audience of great magnitude. In reply he says that this could be done by writing or printing the speech on transparent continuous strips, and passing the same through a large magic lantern, which would project the written or printed words on a screen. The letters would appear say a foot square, and the audience could read the words as they were passed slowly along.

Yours very truly,

Private Secretary.

January 21, 1891.

W. L. Byers, Esq.,

#51 West Sunniside, SUNDERLAND,

England.

Dear Sir:-

Your esteemed favor of 6th instant was duly received by Mr. Edison.

The phonograph in England is controlled by the Edison United Phonograph Co., Northumberland Ave., London, S. W. This Company I believe will soon be ready to offer the machines for sale to the English public. You could obtain full information as to price etc. by application to the London office. The phonograph can be used to great advantage by blind people, and it would seem destined to become of inestimable service to them.

Yours very truly,

Private Secretary.

June 20th 1870

Mrs Phia. C. Pilsen
Orange N.J.

Madame

Our Mr J. 1870 ult and the Calvary M.E. Church East Orange a check for $200.00 in payment of a debt which you signed as follows.

"I hereby subscribe to 20 shares of 10 dollars each towards liquidating the debt of the Church payable in quarterly payments as follows.

Sept 1- 1869 -	$ 50.00	March 1- 1870	$50.00
Dec 1- 1869 -	50.00	June 1- 1870	50.00

Signed Mrs P.C. Pilsen

Please let me know if you have received this check and if not do you wish me to write the Treasurer in regard to same.

An early reply will greatly oblige

Very truly
John A. Randolph

Jan 22, '90

A. Pardee Esq,
Stanhope N.J.

Dear Sir;—

Mr. Edison instructs me to ask whether you have heard from Mr. Brown yet regarding the title of the Sussex County Iron Co. to the Davenport lot

Yours very truly
C. J. Reed

January 22, 1891.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

With reference to your letter of 21st instant, in regard to the prices charged Mr. Edison by the Phonograph Works for castings, Mr. Edison says that he will allow the old bill to go through. In future, however, all your bills against Mr. Edison for castings, brass and iron, are to be figured on the basis named in the letter of your Mr. Ware, dated 21st instant, and to which this communication is a reply.

Yours truly,

A. Tate

Private Secretary.

M.

January 22, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

There are a number of Mr. Edison's telephone patents which are to be assigned to the American Bell Telephone Company. Mr. Swan, the Bell Company's attorney, called upon Mr. Edison in regard to the matter a few weeks ago. We are informed by Messrs. Dyer & Seely that these forms of assignment were sent to you. If so, Mr. Edison would like you to forward them to the Laboratory immediately, as he wishes to look over them.

Yours very truly,

Private Secretary.

January 22, 1891.

Samuel Insull, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telephone message sent to you from this office to-day, in reply to one received from you this morning:-

"I told Mr. Ware that the Doll Company must be charged on the Phonograph Works books with bills rendered only. Any other charges are unliquidated damages and will be the subject of arbitration or litigation. Mr. Lewis has everything complete. A. O. TATE."

Yours truly,

A. O. Tate

Private Secretary.

In.

Jan. 22, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Mr. Edison has read your letter of 21st instant and says in reply that he does not desire you to prepare a new application on the coating of carbon filaments with silicon.

Yours very truly,

Private Secretary.

January 22, 1891.

C. H. Adams, Esq., President,

International Printing Telegraph Company,

Philadelphia, Pa.

Dear Sir:-

Mr. Edison has received your letter of 21st instant, and in reply I beg to inform you that there is no truth whatever in the report to which you refer of his having sent an expert to Philadelphia to examine your printing telegraph machines. None of Mr. Edison's employees were sent to Philadelphia for the purpose mentioned, and if any such examination has been made, it was done without his knowledge or authority.

Yours very truly,

A. Tate

Private Secretary.

M.

January 22, 1891.

To
Messrs. A. L. Abbott, H. Lichtenstein, R. T. Moore, Louis Bush,
B. R. Forman, J. B. Wolfe etc., etc., of

New Orleans, La.

Dear Sirs:-

On my return to the Laboratory a few days ago after a week's absence in the West, where I was called to attend the funeral of my brother, I find your esteemed favor under date 27th of October last, in which you invite me to visit New Orleans and address the citizens of that city on the subject of electricity as a motive power.

It is needless to say that I appreciate very highly this courteous invitation so kindly extended to me, but as to accepting the same, I regret exceedingly that my engagements will not permit me to do so.

It will, however, afford me a great deal of pleasure to furnish you with any data that I possess and that you may desire on the subject mentioned, or to impart any information that might be of assistance to you in your consideration of the same.

I am a firm believer in the great superiority of electricity to all other known forms of power. I am convinced that it is

destined to ultimately displace the other motive agents in use at the present time, and it is a source of much gratification to me that the citizens of New Orleans, in common with other progressive communities, recognize the great advantages to be gained by the adoption of this form of energy, and the many benefits which would certainly follow its general application to the numerous and various uses for which it is suitable.

In conclusion, gentlemen, I beg that you will accept my sincere thanks for the many kind expressions concerning myself contained in your communication under reply.

Yours very respectfully,

Thomas A. Edison.

January 22, 1891.

J. B. Newbrough, M. D.,

Shalam, Las Cruces,

New Mexico.

Dear Sir:-

Mr. Edison has received your note of 15th instant, in which you ask what will stop echo. In reply he says that echo is a very difficult thing to overcome, but that partitions or screens will obstruct the wave, and thick paper on the walls should improve matters.

Yours very truly,

A. Tate

Private Secretary.

A.

January 22, 1891.

Everett Frazar, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

Referring to your telephone inquiry of yesterday concerning the 2,000 blank cylinders and 25 rubber shells which were forwarded to you from the Laboratory, via Colt's Express, on the 17th of September last, the shipment consisting of 13 bbls and one box (the latter containing the shells): for information regarding the use of the rubber shells mentioned in the foregoing, I would refer you to my letter of 10th instant, wherein their use is explained fully and explicitly. A rubber shell is to be placed upon the brass mandril of each phonograph, when the cylinders, which are of the latest pattern and a little larger than the older style, will be found to fit perfectly. I am positive that 25 shells were included in the above shipment, having investigated the matter and satisfied myself of the fact, and these with the 25 sent to you recently, are more than ample for the number of phonographs which you have in China. The shells never wear out and each machine only requires one.

Yours truly,

Edison

Private Sec'y.

Jan 23 '90

Alexander Elliott Jr. Esq.
Paterson N.J.

Dear Sir:-
Mr. Olson instructs me to ask you to get leave from Sanford & Bent of Warwick on the "Parker farm"

Yours truly
C. J. Reed

January 23, 1891.

My dear Mr. Ferrier,-

I am very sorry that there has been such a delay in answering your letter of 5th ultimo, which came duly to hand. On the 7th of December, however, I was obliged to go to bed with a very severe attack of inflammatory rheumatism, which confined me to my room until Monday last, 19th instant, upon which day I was able to visit the Laboratory for the first time in six weeks.

I have spoken to Mr. Dickson about sending you the Cabinet or the card catalogue of minerals, together with all fittings etc., and he will see that the same is forwarded to you within the next few days. He will address it to your house instead of to the Geological Survey, in accordance with your desire.

Your proposed adjustment of the account between yourself and Mr. Edison, is entirely satisfactory.

Yours very truly,

A. P. Wade

Private Secretary.

W. F. Ferrier, Esq.,
Ottawa, Canada.

January 23, 1891.

Messrs. Herts Brothers,

#894 - 896 B r o a d w a y ,

New York City.

Dear Sirs:-

The chandeliers are unsatisfactory. Fifty per cent of the light is lost. The price is simply outrageous, in addition, even if they were all right. I will not have them in the room. If you remove them and deduct the amount charged, as well as some other overcharges, I will pay the bill.

Yours truly,

Susan B. Anthony

January 24, 1891.

The Wrought Iron Casting Co.,

N e p o n s e t , Mass.

Dear Sirs:-

Will you please be kind enough to hurry forward the remainder of our castings. If any of them are now ready, please send them to us by express, and do not wait until they are all completed. We are very much in need of them.

Yours truly,

Private Secretary.

January 24, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

In regard to the Phonograph Experimental accounts: There is charged against the North American Phonograph Company sixty-three thousand dollars odd for experiments, dating from the time when the phonograph was purchased by Mr. Lippincott. Prior to that period the Edison Phonograph Company was liable for the cost of experimenting on our books there is a charge against that corporation of some $26,000. In arranging for security this twenty-six thousand dollars will have to be taken care of in some way. I bring the matter to your attention, as the matter will not appear on Mr. Lippincott's books, the same not having been charged against the North Am. Phonograph Co.

Yours very truly,

January 24, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I have your letter of 23rd instant, detailing interview between Mr. Lippincott, Mr. Bush and yourself, on the date mentioned.

In regard to paragraph 2: Mr. Bush is mistaken as to what he told me. I was informed that they had made an arrangement with the Graphophone Company whereby the latter was to receive $10 royalty, but the clause that they should acquire all my inventions was never mentioned to me. Had it been I would have shut down on it immediately.

With reference to paragraph 3: The 60 day clause was allowed to permit of Lippincott collecting from the other Companies.

Paragraph 5: The stocks mentioned are no good in view of Graphophone contract. Perry tells me that N. A. P. Co. stock is hawked around the street for ten dollars a share.

Paragraph 6: The total amount due me will amount to over $250,000.

Paragraph 7: I think we had better not give any new note, unless it is legally necessary to do so, but let the old one run

Major S. B. Eaton. -2- January 24, 1891.

on. If, however, the issue of a new note is necessary in order to obviate the effect of my memo, why then it is O. K.

Paragraph 8: Our accounts are without profit and are charged up in the usual way, the same method being applied to everybody.

Yours very truly,

Thos A Edison

2347

January 24, 1891.

Major S. E. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I have your letter of 23rd instant, enclosing copy of the opinion of Judge Lacombe, continuing the present temporary injunction against the N. A. P. Co. I note what you have marked in blue pencil concerning the graphophone. Does this mean that they can sell graphophones and not phonographs?

Yours very truly,

Thos A Edison

January 24, 1891.

Automatic Phonograph Exhibition Co.,

#13 Park Row, New York City.

Dear Sirs:-

Will you very kindly send me answers to the following questions with relation to your Company? Mr. Insull was to have obtained this information for me, but he has just started on an extended business trip, and the matter has evidently been overlooked by him. I am therefore obliged to trouble you in the matter:

(1) How many machines have you now out, and how are they distributed as regards different States?

(2) What were the gross receipts for all the machines for November and for December, so far as you know?

(3) How much does the share of the receipts received by your Company amount to for November and December, severally, and did you receive all that you are entitled to for those months?

(4) What was the gross amount that you received for your own share from the beginning of the business down to the latest date, and what disposition has been made of the money?

(5) What is your current monthly expense for salaries, rents etc., and how much for each in detail?

(6) Do you keep a regular set of books, and if so, do you have a regular monthly trial balance? Please lend me your last trial balance for examination, to be returned to you, or send me a copy of it.

(7) How much Treasury stock has been sold, to whom, and at what price?

An early reply will be much appreciated by

Yours very truly,

Thos. A. Edison

Edison Laboratory National Park

January 24, 1891.

C. H. Adams, Esq.,
#502 Walnut Street,
Philadelphia, Pa.

Dear Sir:-

Your letter of 23rd instant is at hand, and in reply I beg to inform you that Mr. Edison has a man in his employ named REED. Mr. Edison knows nothing about this man's actions in outside matters; his duties in Mr. Edison's business are confined to the Ore Milling Department. He was not authorized by Mr. Edison to make any examination of your Printing Telegraph machines, and if he did so it was done entirely on his own responsibility, Mr. Edison having no knowledge whatever of the matter.

Mr. Edison is not now interested in Printing Telegraph machines, and is not desirous of inspecting those of your Company.

Yours very truly,

Private Secretary.

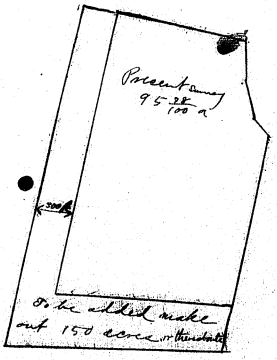
Jan 24 '91

J. C. Goodridge Jr. Esq.
113 E 25th St.
New York

Dear Sir;—

After consulting Mr. Edison he instructs me to say that he wants the survey extended 300 ft. further on the west and south far enough to take in altogether the 150 acres as originally agreed upon. I have just wired you, therefore, to cancel order for Room to meet me at Drakeville. Instead please have him extend the survey as soon as possible. I suppose there would be no objection to leaving the present survey stand as it is and making another to cover the ground. The following sketch shows what we want.

Yours truly C. J. Reed


Presentary
9 5-28
100 a
200 ft
To be added make
out 150 acres without

Jan. 24, 1891.

Jack Wright, Esq.,

#226 East 15th Street,

New York City.

My dear Wright,-

Your letter of 23rd instant in regard to Milt Adams is at hand. I have tried hard enough to do something for Milt, and if I get a chance will do something. Mr. Insull has also tried to place him, but somehow things don't turn out right.

Yours very truly,

Thomas A. Edison

M.

January 27, 1891.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

I hereby cancel the order which I gave you on the 6th day of the present month to sell twenty-five thousand dollars of Cincinnati, Indianapolis, St. Louis & Chicago R. R. 1st Mortgage 4% fifty year Bonds.

Please hand to Mr. Butler the power of attorney which I sent to you for the purpose of enabling you to transfer these bonds.

Yours very truly,

Thos A Edison

January 27, 1891.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

Please deliver to Mr. Thomas Butler ten (10) Bonds of the Cincinnati, Indianapolis, St. Louis & Chicago Railroad, numbered 76 to 85, both inclusive, $10,000 each, which you now hold for my account.

Mr. Butler will hand you to-day a check to be deposited with you to my credit of $75,000.00.

Yours very truly,

Thos A Edison

January 26, 1891.

Eugene H. Lewis, Esq.,

Messrs. Eaton & Lewis,

New York City.

Dear Sir:-

Re Toy Phonograph matter. Mr. Stephenson did not say whether he desired me to be present in the Jersey City Court on Wednesday next when this case is expected to be called. If it is necessary for me to attend, I would like to be informed as to the location of the Court, how to get there, and at what time I should be on hand.

Yours very truly,

Private Secretary.

January 26, 1891.

Samuel G. Burn, Esq.,

Brookside, N. J.

Dear Sir:-

Mr. Edison has read your letter of 25th instant; also communication from Mr. Duval, explaining that the St. Urbian property has in part changed hands.

Checks for payments involved under the leases of the Hannah A. Day and Jno. H. Schenck properties go forward by mail to-night.

Yours very truly,

Private Secretary.

Please mention in your next communication which ofthe properties mentioned above you are working on at the present time.

January 26, 1891

Benjamin F. Card, Esq.,

#181 Bainbridge Street,

Brooklyn, N. Y.

Dear Sir:-

Please inform Mr. Edison as to the exact location of the mining property referred to in your letter of 24th instant, received this morning. Several of Mr. Edison's men are now travelling through this State, locating mineral deposits etc., and one of them could be detailed to examine the property in question.

Yours very truly,

Private Secretary.

M.

January 26, 1891.

Felix Gottschalk, Esq., President,

Automatic Phonograph Exhibition Company,

#13 Park Row, New York City.

Dear Sir:-

Mr. Edison has read your letter of 24th instant, and in reply he has instructed me to inform you that he will be very pleased to see you at the Laboratory on Wednesday next, any time in the afternoon that you may find convenient.

Yours truly,

A. Tate

Private Secretary.

M.

January 26, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

I enclose herewith for your information press copies of correspondence received this morning by Mr. Edison from the President of the Automatic Phonograph Exhibition Company. Mr. Edison has made an appointment to meet Mr. Gottschalk at the Laboratory on Wednesday afternoon next.

Yours very truly,

Private Secretary.

January 26, 1891.

Edison General Electric Co.,

Lamp Manufacturing Department, Harrison, N. J.

Mr. Chas. H. Heeley, Head Accountant.

Dear Sir:-

Replying to your letter of 23rd instant, in which you inquire if we have any charges against the Lamp Mfg. Dep't. for experimental work conducted at the Laboratory, I beg to inform you that we have. The reason that the bills for this work have not been rendered as usual is because we are arranging with the Edison Gen'l. Electric Company for a basis upon which to charge our experimental accounts against the various Departments. These arrangements are not yet concluded. As soon as they are we will forward bills for all charges against your Works that appear on our books.

Yours very truly,

Private Secretary.

Jan. 26, 1891.

Mrs. Hanna A. Day,

Brookside, N. J.

Dear Madame,-

I beg to advise you that I have sent to-day c/o the First National Bank, Morristown, N. J., a check to your order for one hundred dollars ($100), covering the first payment on lease due Jan'y. 28, 1891.

Yours truly,

Thomas A. Edison
M.

January 26, 1891.

Mr. John H. Schenck,

Morristown, N. J.

Dear Sir:-

I beg to advise you that I have sent to-day, c/o the National Iron Bank, Morristown, N. J., a check to your order for twenty-five dollars ($25.00), covering the first payment on lease due January 28th, 1891.

Yours truly,

Thomas A. Edison

2347

January 27, 1891.

William Wastell, Esq.,

Port Huron, Michigan.

My dear Sir:-

Your letter of recent date is duly at hand, and I was very glad to hear from you.

I beg that you will accept my sincere thanks for the services which you rendered in connection with my brother's funeral. All of the arrangements were satisfactory, and Mrs. Edison and myself feel very grateful for the kindness and sympathy manifested by you in connection with that sad event. Your kindness was very highly appreciated by us all.

Yours very truly,

Thos A Edison.

January 27, 1891.

Edison United Phonograph Co.,

G. N. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:

With reference to your letter of 14th instant in regard to the presentation of a phonograph to the National University of Chili, I note that at Mr. Insull's suggestion decision in this matter was reserved until you can communicate with Mr. Edison.

In considering the matter of this presentation it will be well to remember that on the 26th of July last I addressed a letter to the Hon. Wm. Henry Trescot on the subject, in which I said that the Edison United Phonograph Co. was willing to donate a phonograph with a complete outfit to the University and that all that the Company would require would be a guarantee that the machine would not be used for any other purpose than that specified in Mr. Egan's first letter, which was referred to you on the 22nd of July last, when the matter first came up. I wrote this letter to Mr. Trescot on the strength of one received from Mr. Jesse Seligman, dated 23rd July, 1890 (press copy herewith), in which he indicated the willingness of the United Company to make the presentation, providing that Mr. Edison and Mr. Insull thought it advisable to do so, and that the Company received a proper guarantee relative to the use of the machine. Mr. Seligman was duly advised that both Mr. Edison and Mr. Insull were of the opinion that it would be a graceful act on the part of the United Company to make the presentation, after which I received a communication from Mr. Seligman (press copy enclosed herewith), in which he asked if Mr. Edison had in view any particular time when the phonograph should be sent to the University of Chili, and adding that the Company would no doubt be glad to carry out his wishes. In response to the communication last referred to I informed Mr. Seligman that Mr. Edison had in view no particular time when the phonograph should be sent to the University and that he would be glad to carry out any instructions of the Edison United Phonograph Co. with reference to the matter.

From the facts related in the foregoing it would seem that it was definitely settled by your Company that a phonograph, with a

E. U. P. Co.

-2-

January 27, 1891.

complete outfit, would be presented to the National University of Chili; and in view of my letter to Mr. Trescot of July 26th previously referred to, the contents of which were communicated to Mr. Egan, and by the latter communicated informally to the Rector and Secretary of the College, the only thing to be done now is to forward the phonographic outfit as early as practicable. A long time has elapsed since the promise was made to donate the phonograph, and Mr. Egan in his last letter to Mr. Prescot (copy of which you have) says that the University will gladly give the guarantee required by your Company in any manner that may be desired.

Mr. Edison has not yet replied to Mr. Trescot's last letter, as he does not wish to do so until he can advise him definitely on the subject of the presentation.

Yours very truly,

Private Secretary.

Henry C. Ware Esq.,

Edison Phonograph Works,

Orange, N. J.

Dear Sir:-

Please consider this your authority for authorizing the West Orange Township to construct a culvert along our property, in front of the Phonograph Works; the same to be done at our expense.

Yours truly,

Secretary.

I think we should consult our local Lawyer as to the right of the Township to make us bear the expense

January 28, 1891.

Alexander Elliott, Jr., Esq.,

First National Bank Building,

Paterson, N. J.

Dear Sir:-

With reference to the attached letter from S. D. Brown, Mining Expert of your city, in regard to the Centennial Mines, you might see Brown and say if the mine pans out well on magnetic survey, I might take a lease of it, making the minimum amount payable sufficient to pay the interest on the indebtedness, and four or five hundred dollars additional. I am not prepared, however, to make any arrangement until after a magnetic survey has been made.

Yours very truly,

Thomas A. Edison

M.

January 28, 1891.

Henry M. Howe, Esq.,

#287 Marlborough Street,

Boston, Mass.

Dear Sir:-

Replying to your letter of 26th instant to Mr. Edison, he desires me to say that he has no apparatus which will separate wet sand. Some years ago Mr. Edison tried to separate the beach sand of Long Island, but it was found that it cost about 60 cents a ton to dry it. On a large scale it could be dried for very much less. Mr. Edison some time ago applied for patents for drying sand by means of a centrifugal machine. His experiments in this connection showed that a ton of sand could be dried in about two minutes -- dry enough for separating.

There is no literature on the subject of Mr. Edison's Ore Milling process.

Yours very truly,

A. Gott

Private Secretary.

Not Sent

January 28, 1891.

G. N. Morison, Esq., Secretary,

Edison United Phonograph Co.,

Mills Bdg., New York City.

Dear Sir:-

With reference to the attached letter from B. G. Hardaker, on the subject of a Phonograph for The Maha Rajah of Mysore, in Southern India, which was previously referred to you on the 21st November last, will you please inform me what reply to make to this gentleman. In your communication of 22nd Nov. you said that the matter would be presented to your Board of Directors at their next meeting. Has any action been taken in regard to it?

Yours truly,

Private Secretary.

January 28, 1891.

Edison United Phonograph Co.,

G. N. Morison, Esq., Secretary,

Mills Building, New York City.

Dear Sir:-

I beg to acknowledge receipt of your order dated 28th instant for six Nickel-in-the-Slot Machines. I shall give this order my immediate attention, and the machines will be forwarded to you at the earliest possible moment.

Yours very truly,

Thos A Edison

January 28, 1891.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

Mr. Ott will send you a model of a Nickel-Slot machine. When you receive this I desire six similar machines made at the earliest possible moment. Have your Mr. Ballou see Mr. Ott in regard to this matter at once.

Yours very truly,

Thos A Edison

George Parsons Lathrop

January 28, 1891.

New London, Conn.

Edison will be pleased to see Stanley and friends Saturday next. Let me know what train ~~they~~ you will come on, and I will meet ~~them~~ you at Depot.

A. O. Tate.

[illegible]

January 29, 1891.

[illegible] Seely,
Messrs. Dyer & Seely, [illegible]
#68 Wall St., New York City.

Dear Sirs:-

It appears that some time during the month of Sep[illegible] [illegible] Mr. Seely sent a lot of assignments of patents [illegible] October last your Mr. Seely sent a lot of assignments of patents [illegible] to the Western Union Tel. Co. to Mr. Insull. Mr. Insull sent me [illegible] copy of a letter which he states was addressed to Mr. Edison [illegible] of Sept. [illegible] on the 29th of September, copy of which I enclose. Mr. Edison [illegible] states that the assignments were never given to him and he knows [illegible] Mr. Insull's letter, or [illegible] nothing whatever about them. Mr. Insull's letter, of which the [illegible] is a copy, never passed through this office, [illegible] is a copy, never passed through this office. Is it [illegible] possible that these assignments could have been returned to you?

Yours truly,

[illegible]
Private Secretary.

[illegible], 189[illegible]

January 29, 1891.

Thomas Butler, Esq.,
[illegible]
Edison Building, Broad St.,
New York.

Dear Sir:-

[illegible] to the copy of Mr. Insull's letter of Sept.

Referring to the copy of Mr. Insull's letter of Sept. 20th, 1890 to Mr. Edison, which you handed to me the other day, Mr. Edison says that the assignments of patents to the Western Union Tel. Co. were never handed to him. He says there are a great many of these and they would make a very large bundle of them. Insull's letter referred to above never passed through this office. The papers must either be in the hands of Messrs. Dyer & Dodge or in Mr. Insull's. If these papers came out here they must have been brought by a messenger, but I cannot imagine to whom they could have been delivered, as Mr. Edison himself knows nothing about them.

Yours very truly,

[illegible]

Private Secretary.

January 29, 1891.

George P. Kingsley, Esq.,

O r a n g e , N. J.

Dear Sir:-

We desire to have Lakeside Avenue from Valley Road to the West Orange line macadamised. Mr. Edison and the Phonograph Works, together, own all the property on the North side of this Avenue within the boundaries named. I understand that the proper method of procedure is to present to the Township Committee a petition signed by a majority in interest of the property holders, expressed in lineal feet. Kindly let us know if this is the correct way to go about it, and if there is anything else we can do in addition.

Yours very truly,

Is there a regular form of petition

Private Secretary.

Jan. 29, 1891.

My dear Shaw,-

Replying to your letter of 26th instant, the Laboratory guns are already trained on a mechanical meter. Before very long you will be able to place your orders for a thoroughly practical and reliable instrument.

Yours very truly,

Private Secretary.

P. B. Shaw, Esq.,

Williamsport, Pa.

January 29, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 28th instant, re Gouraud and E. U. P. Co. According to the contract of March 11, 1890, the Board of the E. U. P. Co. must meet and determine the compensation with respect to 865 phonographs before the 11th of next month. I desire you to be present at any meeting that may be held for this purpose, to represent me and take care of my interests. Will you arrange this matter yourself, or shall I write the E. U. P. Co. requesting them to notify you?

Yours very truly,

Jan. 29, 1891.

J. C. Henderson, Esq., Engineer-in-Chief,
Edison Gen'l. Electric Co., New York City.

Dear Sir:-

I beg to confirm the following telegrams exchanged between us to-day:-

"Phelps has as many draughtsmen as he can work on plans and expects to see you Saturday afternoon with all plans. Do you want me to notify Kreusi to have men ready Monday morning? J. C. Henderson."

"You need not notify Kreusi. I understand I can have men any time. All I want are the complete drawings ready to go up Sunday night. Thomas A. Edison."

Yours very truly,

Thos A Edison

Jan. 29, 1891.

Everett Frazar, Esq.,
#124 Water Street,
New York.

Dear Sir:-

I beg to confirm the following telegram sent you today:-

"What is best speed officially recorded? T. A. Edison."

Yours truly,

T. A. Edison

January 29, 1891.

H. M. Francis, Esq.,

Sherbrooke, P. Q.

My dear Mr. Francis,-

I have your letter of 27th instant.

Send the Doll to the Laboratory, addressing it to me personally, and I will see that it is repaired and forwarded to your home in Brooklyn, as desired.

Yours very truly,

Private Secretary.

When do you move to Peterboro?

January 29, 1891.

Automatic Phonograph Exhibition Co.,

#13 Park Row, New York City.

Dear Sirs:-

On the 14th of August last Mr. Edison drew a check on Messrs. Drexel, Morgan & Co., to the order of Jesse H. Lippincott, for $3,500, which was delivered by me to Mr. Lippincott in person. This check was turned over by Mr. Lippincott to the Automatic Phonograph Exhibition Co. as a cash loan from Mr. Edison, and Mr. Edison is now credited on the books of that Company with the amount. We desire to obtain from the A. P. E. Co. an acknowledgement of this debt. Mr. Lippincott, and the Chesver-Gilliland interest have also made loans to the Company, and in considering the form of acknowledgement we have to remember that these parties can demand like recognition of their claims. For this reason we do not consider it desirable to ask for a demand note, as such form of acknowledgement might be dangerous in other than Mr. Edison's hands. A time note is open to the same objection, as it would become a demand upon maturity. What form of security would you suggest which would not carry with it these objections?

Yours very truly,

Private Secretary.

January 30, 1891.

Messrs. Drexel, Morgan & Co.,

New York City.

Dear Sirs:-

In reply to your letter of 29th instant, I beg to say that on the 27th instant Mr. Butler deposited with you check for $70,000, and on the 28th check for $5,000, which makes up the amount of $75,000 advised by me in my letter to yourselves under date 27th instant.

Yours very truly,

January 30, 1891.

Benj. F. Card, Esq.,

#181 Bainbridge Street,

Brooklyn, N. Y.

Dear Sir:-

Your letter of 27th instant, enclosing description of mineral property referred to in your previous communication to Mr. Edison has been duly received. Mr. Edison has instructed one of his men to examine the property, and when he receives a report on the same he will communicate with you again.

Yours truly,

Private Secretary.

January 30, 1891.

My dear Mr. Carnegie,-

As you use lots of nickel ore, perhaps the enclosed may be of interest to you. The property referred to is too far away for me to consider the question of operating it; besides which I am not particularly interested in this class of ore.

Yours very truly,

To
Andrew Carnegie, Esq.,
No. 5 West 51st Street,
New York City.

January 30, 1891.

Samuel G. Burn, Esq.,

Brookside, N. J.

Dear Sir:-

Your letter of 28th instant to Mr. Edison has been duly received. The sketch of the Day and Schenck ground enclosed therewith is all right. What we desired to know was, if you were keeping a separate record of the mica produced by each of these properties. The royalties which we have to pay are different in each case; hence the necessity of distinct records.

A check for $57.08 was mailed this morning to the Equitable Life Assurance Society, in payment of premium on your policy, and the amount has been charged against your account.

Yours truly,

Private Secretary.

January 30, 1891.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

I have your memorandum of this afternoon in regard to order for link belting dies and for experimental work on the new Ore Separator. There is no reason whatever why you should not receive at the time work is requested to be done either an order from the Laboratory or a memorandum giving the number of the order which will follow. The Phonograph Works is certainly in default if they commence work for the Laboratory upon the verbal request of any one connected with the latter place. I understood that you had instructed your people not to accept verbal orders, but it appears that in these two cases they have done so. It is impossible for us to keep track of each individual connected with the Laboratory, and in the present instance we cannot ascertain who it was gave instructions for experimental work on the new Ore Separator. In all probability it was Mr. Dickson, but he is not here to-day. As soon as we can trace the source of this verbal order we will confirm it by a written requisition. Our order for

link belting dies will be #7286, and will be sent you as soon as Mr. Edison approves it. He will be here to-morrow.

Yours truly,

Private Secretary.

January 31, 1891.

Everett Frazar, Esq.,

#124 Water Street, New York City.

Dear Sir:-

Referring to your letters of 28th and 30th instant, in regard to parties in Paris having cabled me direct, requesting information concerning the Sims-Edison torpedo, I beg to say that I received a cablegram from Mr. A. Vernes, of the Paris Edison Company, asking me to wire "If Sims Torpedo successful specially regarding speed," in reply to which I to-day sent the following cablegram:

> "Official speed nineteen two-tenth miles per hour. I consider it a very successful and practical machine. I think twenty-five miles can be attained by some changes. EDISON."

Yours very truly,

Thos. A. Edison

January 31, 1891.

My dear Bergmann,-

Your letter of 29th instant in regard to your new Automatic Switch, is duly at hand. If I can find time I will call and see it, but as you know I very seldom visit the City.

Yours very truly,

Nikola Tesla

To

S. Bergmann, Esq.,

#627 West 34th Street,

New York City .

January 31, 1891.

Samuel Insull, Esq., 2nd Vice-President,
Edison Gen'l. Electric Co.,
Edison Building, Broad St., New York.

Dear Sir:-

I have your letter of 28th instant dated at Chicago.

We cannot determine a converter until we get the characteristics of the machine. We are anxiously awaiting the completion of the alternating machine so that we can determine the construction of the converter.

Yours very truly,

Thos A Edison

January 31, 1891.

John S. Wise, Esq.,

Edison General Electric Company,

Edison Bdg., Broad St., New York.

Dear Sir:-

Your letter of 28th instant to Mr. Edison, informing him that his testimony is essential in a suit in Newark, is at hand. Mr. Edison desires to know when the suit in question comes off, and whether you desire him to go to Newark or if you will come to the Laboratory and take the testimony there. Mr. Edison is obliged to go to Schenectady either to-morrow (Sunday) or Monday evening.

Yours truly,

Private Secretary.

Jan. 31, 1891.

John Kreusi, Esq.,

c/o Edison General Electric Co.,

Schenectady, N. Y.

Dear Sir:-

I beg to confirm the following telegram received from you to-day, and my reply to same:

"Edison Laboratory: When is Mr. Edison coming to Schenectady? J. Kreusi."

Answer: Am waiting detailed drawings from Henderson; Expect them Sunday night; will come soon as get them. Edison."

Yours truly,

Thos A Edison

January 31, 1891.

Edison Phonograph Works,

Mr. Henry C. Ware,

Orange, N. J.

Dear Sir:-

I have your letter of 30th instant, informing me that you have not received an official order for the twelve "new model" phonographs that you are building and which are now nearing completion.

I enclose herewith original order, dated Nov. 8, 1890, for six new model phonographs, received by me from the North American Phonograph Co.; also original order dated October 23rd, 1890, for six new style phonographs, received from the Edison United Phonograph Company. These two orders cover the 12 machines referred to in your letter now under reply. I also send you herewith original order dated Jan. 28, 1891, for 6 Nickel-in-Slot machines, received from the Edison United Phonograph Co. I sent to you on the 28th instant an order for these last named machines, which you will now please cancel, and substitute therefor the original order enclosed herewith. The machines referred to in the foregoing are to be charged direct to the parties ordering them.

Yours very truly,

Jan. 31, 1891.

Samuel Insull, Esq., 2nd Vice-President,

Edison General Electric Company,

New York City.

Dear Sir:-

I have received your letter of 29th instant, enclosing copies of letters received by you from the General Manager of the Lamp Manufacturing Dep't., also from the General Manager of the Light & Power Dep't., with reference to the advisability of your Company making a 50 volt lamp for the opposition trade of somewhat lower economy than our standard lamp.

I approve of Mr. Upton's suggestion to make a three and six-tenths (3.6) watt lamp, and think that it should be acted upon at once.

Yours truly,

Thos A Edison

Feb. 2, 1891.

Col. Michael T. Barrett,

N e w a r k , N. J.

Dear Sir:-

Mr. Edison is obliged to execute from time to time a great many legal documents, and we have upon occasion been put to great inconvenience in order to obtain a Commissioner of Deeds to take his acknowledgements. In order to overcome this difficulty we secured during the session of the last Legislature the appointment of Mr. John F. Randolph, our Chief Accountant, as a Commissioner in this Township. We desire to have this Commission renewed and will be greatly ~~xxxx~~ indebted for your good offices in securing the same.

Yours very truly,

Private Secretary.

February 2, 1891.

A. Vernes, Esq.,
c/o The Compagnie Continentale Edison,
P a r i s , France.

Dear Sir:-

I beg to confirm the following cablegrams exchanged between us to-day:

"Please answer if speed can't be maintained for sixteen hundred yards. VERNES."

"Speed is same over whole run. It could not be otherwise. EDISON."

Yours very truly,

Geo. E. Gouraud

February 2, 1891.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

In reply to your letter of 31st ultimo in regard to orders from the Laboratory, I find that Mr. Edison and Mr. Ballou together arrange for work to be commenced in your factory for which you ought to receive written orders. Mr. Edison's time is too valuable for us to expect him to arrange personally for written requisitions. When anything is required to be done in such cases as this the person to whom Mr. Edison gives instructions is responsible for and must be required to obtain a written order from the Laboratory. You should have Mr. Ballou report to you any work that Mr. Edison requires to be carried out, after which obtaining a requisition in writing from here is a very simple matter; but this arrangement does not include any person whatsoever connected with the Laboratory excepting Mr. Edison, and I will be glad if you will refuse to commence work upon the verbal request of any ~~xxx~~ of our employees acting either in their own or in Mr. Edison's name.

Yours very truly,

February 2, 1891.

W. E. Gilmore, Esq., Ass't. Manager,
Edison General Electric Company,
Schenectady, N. Y.

Dear Sir:-

Mr. Edison is going to Schenectady to-night, and we expect that he will be there for a week or more. One of the Seligmans is to send him a draft of an agreement relating to the manufacture of Nickel-in-the-Slot attachments which he (Seligman) desires Mr. Edison to sign. I have arranged with the latter to have this draft mailed to me from Schenectady instead of to Mr. Seligman. Will you kindly see that no mistake occurs in despatching the document.

Yours very truly,

Private Secretary.

February 2, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

On the 14th of August last I handed to Mr. Lippincott Mr. Edison's check on Drexel, Morgan & Co. for $3,500, which sum Mr. Lippincott stated he would pay over to the Automatic Phonograph Exhibition Co. as a loan for Mr. Edison. Subsequently Mr. Lippincott gave the A. P. E. Co. check of the N. A. P. Co. for $7,500, requesting them to credit the amount on their books to Messrs. Robinson and Blodgett, Trustees. Mr. Edison contributed of this amount the $3,500 named above. We have no recognition of the debt and desire to obtain one. The Cheever-Gilliland interest has loaned money to the A. P. E. Co. In view of this Mr. Edison does not wish to ask for a demand note, as the other creditors could obtain like security, which might become a menace some time in the future. A time note is open to the same objection, as it becomes a demand upon maturity. Will you be good enough to suggest some way in which we can obtain an acknowledgement of this debt and avoid the contingency suggested above.

Yours very truly,

February 3, 1891.

Edison United Phonograph Co.,

Mills Building,

New York City.

Dear Sirs:-

Referring to the contract of March 11th, 1890, which provides that the Board of your Company must meet and determine within eleven months from that date, the compensation with respect to 865 phonographs which Col. Gouraud claimed to have ordered, I beg to advise you that as Mr. Insull is absent and will not return until the end of the present month, I desire to have Major Eaton represent me at any meeting of your Board which may be called to settle this matter. Kindly notify Major Eaton of the day when his presence will be required, and oblige

Yours very truly,

February 3, 1891.

C. L. Edgar, Esq., Gen'l. Manager,
Edison Electric Ill. Company,
Boston, Mass.

Dear Sir:-

I enclose herewith a letter from Miss Annie K. Doak, a connection of Mr. Edison, who for some time past has been in the employ of the Edison Phonograph Toy Manufacturing Co. in Boston. Miss Doak is a Stenographer and Type-writer, and has I understand gave entire satisfaction in her present position, which she is obliged to relinquish owing to the closing of the office of the Toy Company, as explained in her letter. Is there a vacancy in any of your offices to which Miss Doak could be appointed?

Yours very truly,

Private Secretary.

February 3, 1891.

My dear Miss Doak,-

I will be very glad to do everything in my power to obtain another position for you in Boston. I am writing to some of our friends by this mail and hope to be successful. I will communicate with you as soon as I hear from them.

Yours very truly,

Private Secretary.

To
Miss Annie K. Doak,
c/o Edison Phono. Toy Mfg. Company,
#95 Milk St., Boston, Mass.

February 3, 1891.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sirs:-

I had a conversation with Mr. Edison yesterday in regard to the 12 Phonographs (new model), and the six Nickel-in-the-Slot machines which you are building, six of the former for the E. U. P. Co. and six for the N. A. P. Co., and the latter for the Edison United Phonograph Co. Mr. Edison says that if these are billed direct against the Companies named it may cause complication with respect to our manufacturing agreements, and he therefore prefers to have them billed against himself. You can retain the original orders which I sent you and make your bills out against Mr. Edison.

Yours very truly,

Private Secretary.

February 3, 1891.

Major S. B. Eaton,
#120 B r o a d w a y ,
New York City.

Dear Sir:-

I beg to acknowledge the receipt of your letter of 31st ultimo, enclosing copy of notice served by you in Mr. Edison's name and behalf on the Edison Phonograph Toy Mfg. Co., terminating the foreign license of August 6, 1889, on account of nonpayment of royalties due. I was not aware that this notice was to be served or I should have informed you in regard to certain statements that I made to the Board of the Boston Company appertaining to these royalties and in which Mr. Edison acquiesced at the time. It may be that notwithstanding these statements Mr. Edison had a perfect right to serve this notice, but it seems to me that all the circumstances should have been taken into consideration before this notice was issued, which so far as I am concerned or aware, has not been done. Unless something else has occurred with which I am unfamiliar it will be an easy matter for the Boston Company to prove "bad faith" and I will be one of their principal witnesses. In Mr. Edison's memorandum to you of Jan. 7th he said "How would it do to notify them (the Toy Co.) that no further extensions will be made and that we shall demand and expect the sums due on date?"

Prior to this I had a conversation with Mr. Edison in which I reminded him that with his authority I had stated to the Board of the Boston Company that he would waive the royalty due October 1, 1890. Mr. Lippincott, on behalf of the N. A. P. Co., also agreed to waive the royalty due that corporation at the same date. Our papers were not prepared because we were waiting for Mr. Lippincott to send his to us, as he agreed to do. Mr. Edison's idea was to notify the Boston Company that there would be no further waivers beyond the one assented to, and in asking you to notify the Boston Company of the termination of their agreement on account of non-payment of royalty due October first, he must have misunderstood your letter. Your communication of Jan. 9th ought to have been handed to me before any reply was given. This was not done, it having been answered from Mr. Edison's note. I will call and see you about this matter the first time I am in town.

Yours very truly,

Private Sec'y.

February 3, 1891.

John S. Wise, Esq.,
Edison General Electric Company,
New York City.

Dear Sir:-

Replying to your letter of 2nd instant, Mr. Edison went to Schenectady last night and will be there for a week or more. He could not state definitely how long he would be detained, as it depends upon the progress of certain experiments he has to conduct at the Machine Works.

Yours very truly,

Private Secretary.

February 4, 1891.

W. E. Gilmore, Esq., Ass't. Manager,
Edison Gen'l. Electric Company,
Schenectady, N. Y.

Dear Sir:-

Will you very kindly hand to Mr. Edison the enclosed communication from Mr. Everett Frazar. Mr. Frazar desires Mr. Edison to cable Mr. Vernes, of the Paris Edison Company, in regard to the Sims-Edison torpedo. Please have this attended to at once, as it is important.

I also enclose a communication from Messrs. Eaton & Lewis, attached to which is a report on certain mineral leases, which please hand to Mr. Edison. After the latter has perused the report Messrs. Eaton & Lewis request that it be sent to Mr. W. S. Perry, Treasurer, N. J. & Pa. Concentrating Works, #42 Broad St., New York City.

Yours very truly,

A. O. Tate

Private Secretary.

Feb. 5, 1891.

W. Scott Sims, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

With reference to your letter of 5th instant which has just been received, Mr. Edison is at present in Schenectady, he having gone there on Monday night last. The letter of Mr. Frazar referred to in your communication was forwarded to Mr. Edison by last night's mail, and the cablegram which you desire sent to Mr. Vernes, of the Paris Edison Company, has doubtless gone forward this morning. As soon as I hear from Schenectady on the subject I will communicate with both you and Mr. Frazar.

Yours very truly,

Private Secretary.

Feb. 6, 1891.

Mr. P. F. Gildea,

Box 117 Mt. Bethel, N. J.

Dear Sir:-

Mr. Edison has read your letter of 2nd instant and says that you had better keep on with your tumel.

Yours very truly,

Private Secretary.

February 6, 1891.

Mr. Edison,-

Referring to the attached letters from Dyer & Seely, you told me to ask them to pay these taxes on Ore Milling and Toy Phonograph patents. The Austrian Toy Phonograph patent must be worked in that country before June 14th next in order to sustain it, and the Spanish patent on Ore Milling apparatus must be worked before March 2nd next. Do you desire any steps taken with reference to the working of these two patents? and if they are not to be worked, isn't it unnecessary to pay the annuities?

Yours very truly,

February 6, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I return herewith the agreement between T. A. Edison, Jesse H. Lippincott, Thos. R. Lombard, N. A. P. Co., Louis Glass, Exploiting Co. of California, A. P. E. Co., Chas. A. Cheever, and Felix Gottschalk, Trustee, the same having been enclosed with your letter of 2nd instant. This is the Trust agreement which provides for the distribution of the stock after the dissolution of the trust. What I want is the agreement in which Mr. Edison for a consideration of 5,500 shares of the stock of the A. P. E. Co. agreed to give the Company his inventions covering Nickel-in-the-Slot attachments.

Yours very truly,

Private Secretary.

February 5, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

Referring to my letter to you of 20th ultimo, which is acknowledged in your communication of 5th instant addressed to Mr. Edison, I will be glad to have a copy of the proceedings in question, and will take occasion to point out to you upon its receipt that part of the testimony which I believe will assist us in making a settlement between the N. A. P. Co. and the Edison Phonograph Works.

Yours very truly,

Private Secretary.

Feb. 6, 1891.

Mr. William Hemstreet,

#1332 Bergen Street,

Brooklyn, N. Y.

Dear Sir:-

Replying to the two questions contained in your letter of 2nd instant addressed to Mr. Edison:

(1) Electricity has been experimentally generated within a vacuum, although I am not aware that the particular source you mention -- a dynamo -- has been used in such experiments.

(2) It is not yet known whether electricity is or is not a substance, but it probably is not. If we are entitled to judge from the evidence as it stands to-day, electricity is a particular mode of motion of matter, just as heat is another particular mode of motion, and such modes of motion may be in excess or deficit like material quantities.

Yours truly,

Private Secretary.

February 6, 1891.

Everett Frazar, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

As previously advised I sent your letter of 3rd inst. to Mr. Edison at Schenectady. I have received it back this morning with the following note: "I have already cabled twice; the last cable meets the question I think." I enclose herewith copy of the two cablegrams referred to by Mr. Edison, together with bill for same, amounting to $16.13. This also in reply to your letter of 5th instant.

Yours very truly,

Private Secretary.

February 6, 1891.

Francis R. Upton, Esq., Gen'l. Manager,

Lamp Mfg. Dep't., Edison Gen'l. Elec. Company,

Harrison, N. J.

Dear Sir:-

I beg to refer to you the enclosed letter received from Mr. E. P. Rasetti, London, England, in regard to an advertisement in the Album of "The Universal Exhibition of Paris, 1889," and which would appear to have been authorized by Mr. Hammer. We received a former letter from Mr. Rasetti, in which he asked us if we had remitted any moneys to his partner, Mr. Stiassny, on a/c of the advertisement referred to in the foregoing, to which I replied that we had not, his letter being the first intimation we had had of the matter. If you have any information on the subject of this advertisement, I shall be very glad if you will let me hear from you [illegible] so that I can reply to Mr. Rasetti's communication, w[illegible] turn.

Yours truly,

Private Secretary.

February 7, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning:

"Meeting of the Special Committee of the United Phonograph Company, is to be held to-day twelve noon to consider the matter of compensation for the 865 phonographs. A. O. Tate."

Yours truly,

Private Secretary.

February 7, 1891.

J. C. Henderson, Esq., Engineer-in-Chief,

Edison Gen'l. Electric Co.,

New York City.

Dear Sir:-

The blue prints showing the canvass of the Fourth District, New York City, referred to in your letter of 6th instant to Mr. Edison, have been received at the Laboratory, and they will be handed to Mr. Edison immediately upon his return from Schenectady.

Yours very truly,

Private Secretary.

February 7, 1891.

J. B. Skehan, Esq.,

Upper Montclair,

N. J.

Dear Sir:-

Your letter of 3rd instant, enclosing newspaper clipping in regard to certain experiments conducted at the Smithsonian Institute with the aid of a phonograph, has been received in Mr. Edison's absence. It will be placed before him immediately upon his return to the Laboratory. Mr. Edison will doubtless be glad to see the report of these experiments, which I notice you have sent for.

Yours very truly,

Private Secretary.

Feb. 7, 90

Major S. B. Slater
New York.

Dear Sir:—

In regard to transfer of the Davenport mine lot, Mr. Perdee has referred me to Mr. John P. Brown of Newfoundland N.J. Mr. Brown informs me that there have been no transfers of individual interests to the Sussex County Iron Co, except those on record. He gives it as his opinion, however, that in case the stock of the Sussex Co. Iron Co is purchased all stockholders will assign their private holdings, whatever they may be. But as to John Linn he could not state, he not being a stockholder.

The stock is held as follows:

A. Perdee	600	shares
John P. Brown & son	200	"
Heirs of Albert Rigg	200	"

Yours truly
C. J. Reed

February 9, 1891.

Mr. Ware,-

How soon (about) will the Phonograph Works have a statement of account ready against the North American Phonograph Company?

How many graphophones does the E. P. W. own, and are they in good condition, ready for sale? Did the Works get them all from the Hartford Graphophone factory?

Are the Edison Phonograph Works now refusing to ship back to the N. A. P. Co. phonographs sent to the Works by that Company for repairs? If so, on what ground is this done?

I would like to see Mr. Ware about these questions.

Feb. 9, 1891.

Messrs. Eaton & Lewis,

#120 B r o a d w a y ,

New York City.

Dear Sirs:-

I beg to confirm the following telegram sent to you this morning:

"Re State tax: The Edison Phonograph Company has less than five hundred dollars in Treasury. It owes upwards of six thousand dollars for patents and twenty-six thousand for experiments. A. O. TATE."

Yours truly,

Secretary.

February 9th 1891.

A. Vernes, Esq.,
c/o The Compagnie Continentale Edison,
P a r i s , France.

Dear Sir:-

I beg to confirm the annexed cablegram sent to you 7th instant, the same being a duplicate of the one forwarded to you 2nd February in reply to yours of same date. I was informed that the original despatch had not reached you; hence the repetition:

"Speed is same over whole run. It could not be otherwise. EDISON."

Yours very truly,

February 9, 1891.

Everett Frazar, Esq.,

#124 Water Street,

New York City.

Dear Sir:-

Referring to your telegram of Saturday last and my reply to same, both of which are confirmed elsewhere, immediately upon receipt of the former, I communicated with the Western Union Telegraph Office concerning the non-delivery of Mr. Edison's 2nd cablegram to Mr. Vernes of the Paris Edison Company, dated 2nd instant in regard to the Sims-Edison Torpedo, and this morning I received from the Manager of the Orange office of the Western Union the enclosed messages, from which you will see that the cablegram in question was duly delivered at the Paris office of the Edison Company. I duplicated the cablegram as requested, and I enclose herewith bill for cost of same.

Yours very truly,

Private Secretary.

February 9, 1891.

W. E. Gilmore, Esq., Ass't. Manager,

Edison Gen'l. Electric Co.,

Schenectady, N. Y.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning:-

"Can you give me any idea as to when Mr. Edison will leave Schenectady? Answer. A. O. Tate."

Yours very truly,

Private Secretary.

2/9/91.

Thomas A. Robins Esq.
Near Sir,

Learning that your prospects for a market abroad are good I have today sent the following letter to Mr. Lister.

"N.Y.L.—

I wish to call your attention to the two Ore Separators in mill No. 1. The magnets upon these machines have rough faces and the general construction is such that the magnets can not be kept in line.

This means wear upon the belt and frequent repairs to keep the magnets somewhere near their proper positions. There will be more loss in tailings from these machines than there would be from the new ones.

The difficulty of making repairs and the known desire of your workmen to favor upon the old machines are perhaps

L. T.A.E.

worth some consideration.

If the old machines are retained I would advise supplying them with feed apparatus and belt guide pulleys, same as those upon the machines in the refining mills.

If you do not care to have new ones built as part of the building they could be made the same as the one at the Laboratory.

The glass framing could be shortened to suit the space in your building.

I do not think any changes would be required in your building; if any they would be very slight. You have light enough on each side of your dust storage.

Everything, even to framing, could be made by the Phono Mfg. and fitted together in your building. This would avoid taking carpenters from your regular construction work.

Mr. Edison is at present at

E. Ada

Concerning the prospects, I am told, of remaining here much longer. In order not to lose any time I will mail him a copy of this letter.

Thomas

I leave for Ogden about Thursday. By next Monday I expect to have the 12 mowers ready to run over to the Ogden Point. The last shipment will leave the Pittsburg office on this week — with pulleys and coils.

Yours Truly

O. A. Thoma.

February 9, 1891.

Major S. B. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

Referring to your letter of 7th instant to Mr. Edison, I beg to submit the following information in reply to your queries.

(1) There is a balance in the treasury of the Edison Phonograph Company of $417.03.

(2) On the 8th day of July, 1889 a check for $5,000 was deposited in the German National Bank of Newark, N. J., to the credit of the Edison Phonograph Company. This check was received by Mr. Insull and forwarded to the Bank by him in Mr. Edison's name. He has since informed me that it was a payment made by the Boston Toy Company on account of royalty, but the written records describing the payment are in his possession.

(3) A complete statement to January 1, 1891, of Laboratory experiments has been sent to the North American Company.

The Edison Phonograph Works have not yet rendered their statement. They are still engaged in making up their books and the statement will not be ready until the beginning or middle of next month. The arrangement is that it will be prepared during Mr. Insull's absence, but will not be submitted until his return. In a letter which I received from him to-day he advises me that he will not be home until the first week in March.

(4) There is no record in this office of a letter from Mr. Edison to Mr. Lippincott, informing the latter that there were no outstanding claims against the Edison Phonograph Company and that it had no creditors. I do not believe that any such letter was ever written or that the statement was ever verbally made by Mr. Edison or any one connected with him. The first section of the contract of October 28th, 1887 between T. A. Edison and the Edison Phonograph Company provides that the latter shall pay the cost of obtaining Letters Patent in the United States and the Dominion of Canada, together with all costs and charges incurred in experiments The first bill for patents was rendered by Dyer & Seely during the

month of July, 1888, since which time further bills have been rendered, amounting in all to about eleven thousand dollars up to December, 1890. The Edison Phonograph Company has paid on account of these bills the following amounts:

October 21, 1889	$1,500.00
December 19, 1889	1,500.00
August 6, 1890	1,582.97
Total	$4,582.97

This leaves in the Treasury of the Edison Phonograph Company the balance referred to in the foregoing of $417.03. Mr. Edison has paid on account of the same bills three thousand dollars odd, which leaves a balance due Dyer & Seely of about $2,800. In addition to the amount owed Mr. Edison by the Edison Phonograph Company for payments by him on account of patents ($3000 odd), the Edison Phonograph Company owes him about twenty-three thousand dollars on Experimental account. These experiments cover his work from the date of this contract, October 28th, 1887, to the date of the contract between T. A. Edison, North Am. Phonograph Co., and Jesse H. Lippincott, dated August 1, 1888, in which the North American Company assumes the experimental accounts.

(5) The Edison Phonograph Works own 500 Graphophones. These are all new and are presumably in good condition, ready for sale. Of course we would have to test each one before it left the factory. The Works got them all from the Hartford Graphophone Factory.

(6) I notice that in your report to Mr. Edison, dated 5th instant, you ask this same question, and I also notice that Mr. Edison does not answer it, but refers in the reply which he makes to another matter entirely. The situation is this: The Edison Phonograph Works shipped certain machines to local companies on the order of the North American Phonograph Company, which machines were billed against the latter when the left the factory. Some of these have from time to time been returned to the factory for repairs, the cost of this work being charged against the North Am. Phonograph Co. Early in January Mr. Insull arranged with the North American Phonograph Co. that they should remit weekly the amount of these repair bills, which they have been doing. Prior to this arrangement there are large amounts charged against the N. A. P. Co. for repairs which are still outstanding. The Edison Phonograph Works inform me that they received instructions from Mr. Edison not to ship any of these repaired machines unless the North Am. Phono. Co. was willing to pay the Works the price of a new machine for each repaired machine shipped. Mr. Edison did not mean to charge the N. A. P. Co. $45 apiece for machines with which

they had already been billed; but he wanted them to assist the Edison Phonograph Works financially and made the shipment of repaired machines the basis upon which to state the amount that they should remit. That is, if 20 repaired machines were shipped during one week, Mr. Edison wanted a remittance of $900, to apply on general account, and he instructed the Works not to ship these repaired machines on the North Am. Phonograph Co's order unless they assented to this arrangement, and he has not up to this time withdrawn these instructions.

I am very much obliged to you for referring to me the enclosed papers.

Yours very truly,

2/9/91.

H. M. Lyon Esq.
Gen. Mngr. N.J. Pa Coking Co.
Dear Sir

I beg to call your attention to the two or separators in mill No. 1. I did not see them until after you left or I would have spoken to the men. The magnets were there & very have enough force but the armed armature so placed that the magnets could not reach it. This was done upon the idea that it would be easier to keep the magnets from being injured. There will be more coke in tailings from these machines than there would be from the new ones.

The expediency of making repairs

N.M.L.

and the known desire of your workmen to labor upon the old machines are perhaps worth some consideration.

If the old machines are retained I would advise supplying them with feed apparatus and belt guide pulleys such as those upon the machines in the refining mill.

If you do not care to have ~~them~~ new ones built as part of the building they could be made the same as the one at the Laboratory. The floor framing could be shortened to suit the space in your building. I do not think any changes would be required in your building if any they would be very slight. You have height enough in each one of your drying stoves.

Everything except framing

N.M.L.

Could be made by the Phono Wks
and fitted together in your building
This would avoid taking carpenters from your regular construction work
Mr. Owen is at Schenectady with prospects, I am told, of remaining there a week longer. In order not to lose any time I will Mr. Edison a copy of this letter
The Phono Wks say they have not yet received an official order for the 12 extra coils to be kept on hand for emergencies. Will you kindly send the same
Yours Truly
A. M. Thomas.

February 10, 1891.

Henry B. Auchincloss, Esq.,

Llewellyn Park, N. J.

Dear Sir:-

Referring to the bill sent to you for electric lighting for January, we beg to say that this is absolutely correct. We believe that during December your meter was reversed and a bill for an insufficient amount of current was rendered you, but as the quantity of loss was unknown we stood by the meter record. There is no error in last month's bill. This electric lighting has been a very unprofitable enterprize for the Laboratory, and we would very gladly discontinue it.

Yours very truly,

Private Secretary.

Feb. 10, 1891.

Mr. Thomas Butler,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Referring to Mr. Edison's letter to Messrs. Drexel, Morgan & Co., in regard to 1,000 shares of the Edison Gen'l. Elec. Co. stock, copy of which was enclosed with your letter of 9th inst. I assume we will await advice from D. M. & Co. of the actual sale of this stock before entering the purchase money as received, or has the sale actually been effected already and the amount placed to Mr. Edison's credit?

Yours very truly,

Private Secretary.

February 10, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

I understand that the minutes of the last meeting of the Directors of the Edison Phonógraph Company show the election of Mr. John F. Randolph as Secretary and Treasurer. Mr. Randolph was elected Secretary of the Company, but not Treasurer. I am the Treasurer and have never been out of office. It is important that this error be corrected, because I have signed checks as Treasurer of the Company since Mr. Randolph's election to the office as Secretary.

Yours very truly,

Secretary.

February 10, 1891.

My dear Lathrop,-

Will you kindly tell me in what issue of HARPER'S your "Talks with Edison" were published.

Yours very truly,

Private Secretary.

Geo. Parsons Lathrop, Esq.,
New London, Conn.

February 10, 1891.

My dear Mr. Chapman,-

I have your letter of 21st ultimo.

I did not forget about your Doll. The trouble has been that the first dolls which were sent out were not altogether satisfactory and it was found desirable to make a new model, of which a few samples only have as yet been prepared, owing to the Doll Company not being ready to authorize continuous manufacture. As soon as the good doll is available I will fulfill the promise made to you last summer during one of the very pleasant trips which I made across the Lake in your Company.

I had a note yesterday from Aleck Craig, who is at the Hotel Bartholdi, New York.

Trusting you are quite well

I am, yours very truly,

J. W. Chapman, Esq.,
#23 Classic Ave., Toronto,
Canada.

February 10, 1890.

W. H. Tichenor, Esq., Postmaster,

Orange, N. J.

Dear Sir:-

We are frequently put to very serious inconvenience owing to our being unable to obtain letters for Mr. Edison, the Edison Manufacturing Co. until after ten o'clock. Our messenger states that on account of our mail being a large one your clerk who delivers letters and papers will not serve him until everyone else who happens to be in the office at the time is served. We do not understand why we should be made to wait the convenience of other people because we get a large mail. We do not ask to be served out of turn, but we do ask you to look into this matter and see that our mail is in the future given to our messenger when he asks for it.

Yours truly,

Private Secretary.

1.

2/11/91.

N. M. Lyon Esq.

Gen'l Mngr N.J.S.R. Co.

Dear Sir -

Copy of the original letter sent to you 2/9/91 has been returned to me by Mr. Edison, with the following note - "Thomas. If the old machines can be fixed up to run a few months it will answer as we can then put in new ones with all improvements if we are successful. See Mr. Lyon and do what he suggests. E."

The old machines can probably be fixed up to run a short time but the best results should not be expected from them.

If you concur to retain

Q. N. M. L.

them you will still require the addition of a feed apparatus and guide pulleys to each machine. If the Thos Ohs receive an order for these promptly, the prices can be made as a continuation of the present order and expense of manufacture somewhat lessened.

Sent you a postal this morning saying last car shipment would not leave before Friday and that I would be at Ogden on Monday.

Yours Truly.

O. M. Thomas.

February 11, 1891.

Edison Phonograph Works,
Mr. Jeanne C. Ward,
Orange, N. J.

Dear Sir:-

Will you be kind enough to let me know (1) the exact number of regular phonographs made and shipped from the Works to local Companies upon order of the North Am. Phonograph Co.; and (2) how many of these have been returned by local companies and are now at the Works.

Yours very truly,

Private Secretary.

February 11, 1891.

Automatic Phonograph Exhibition Co.,

No. 13 Park Row, NEW YORK CITY.

Dear Sirs:-

Referring to your letter of 31st ultimo, containing answers to various questions asked be me relating to the status and details of your business, will you very kindly furnish me with replies to the following additional queries:

(1) How many Sub-Companies have you contracts with, and what are the names of these Companies?

(2) In your letter of 31st ult. you state that the gross receipts collected by (all?) Sub-Companies for November and December amounted to $22,119.14. Will you kindly tell me how much this averaged per machine, computing on the basis that all machines were in use for the entire period of the two months?

(3) In your letter of 31st ult. you state that the gross receipts were $22,119.14, will you kindly tell me how the receipts were apportioned among the various Sub-Companies, mentioning each Company and the amount of its receipts; also as regards each Sub-Company, how much the expenses were which were to be deducted from the gross receipts and how much was the net amount for said two months received by each Sub-Company?

(4) Referring again to the aforesaid gross-receipts of $22,119.14 you state that out of that amount you received only $3,909.57. It thus appears that you received only about 18% of the gross receipts. Please tell me whether that is all you are entitled to receive?

(5) How many shares of the Trustee Stock held by Mr. Gottschalk has been sold, to whom, at what price, and how many shares does he still hold?

(6) Please state in full detail what the indebtedness of the Company was in January, 1891? Please also state whether you have given any Promissory Notes, and if so, to whom, on what account,

what amounts, and when payable, and state whether any of these notes are endorsed or secured in any way.

(7) Referring to your answer (4) in your said letter of 31st ult., will you please explain the last three items, viz: amounts "to pay" Mr. Gilliland, Messrs. Robinson and Blodget, Trustees, and Mr. Cheever?

(8) Please send me a copy of the By-Laws of the Company as they were originally adopted and a copy of all amendments made to them, if any, since adoption. Please have the same certified to by the Secretary of the Company.

(9) Please send me a copy of the Minutes of the recent Annual Meeting, certified to by the Secretary.

(10) Please send me a list of the Stockholders of the Company, with the number of shares held by each, as appears by the books of the Company at the time of the recent Annual Meeting. Kindly have this certified by the Secretary.

(11) In your letter of 31st ult., you state that you have paid for 573 machines, which I assume is payment in full. In the same letter you state that you have distributed 744 machines. From this it appears you have put out 171 machines which have not been paid for. Has any payment at all been made on account of the above 171 machines, and have the other been paid for entirely?

(12) Have any patent suits been commenced against you, and have you received any notice from owners of patents warning you against infringing their rights? If yes, please state what you have done to protect the Company.

(13) In your letter of 31st ult. you state that 200 shares of Treasury Stock had been sold. Does Mr. Gottschalk, Trustee, hold all the rest, and how much? Does he hold any Certificate therefor, and if so, please state in what name or names and exactly what amount as regards each certificate.

(14) As regards the above mentioned Trustee Stock, does Mr. Gottschalk claim the right to vote on it, and has he ever voted on it?

Yours very truly,

Thomas A. Robinson
Jr.

Feb. 11, 1891.

George Parsons Lathrop, Esq.,

#20 East 20th Street, New York.

My dear Lathrop,-

With reference to your letter of yesterday's date, Mr. Edison is at present in Schenectady, and I do not expect him to return here until some time next week.

Yours very truly,

Private Secretary.

February 11, 1891.

Thomas R. Lombard, Esq., Vice-Pres't.,

North American Phonograph Company,

#160 Broadway, New York.

Dear Sir:-

Will you please let me know the exact number of phonographs under rental by all local Companies, and the number in use in connection with Nickel-Slot machines?

Yours very truly,

Thomas A. Edison

A.

February 11, 1891.

Major S. B. Eaton,
#120 B r o a d w a y ,
New York City.

Dear Sir:-

Replying to your letter of 9th instant regarding your interview with Mr. Bush, I will number my answers to correspond with the number set opposite your queries:

(2) Mr. Tate has already explained this matter to you.

(3) The total amount of experiments charged against the North American Phonograph Company to January 1st, 1891, is $65,756.58.

(4) In regard to the amount which the N. A. P. Co. owe the Graphophone Company, I think if you read all their contracts and consider the machines made, say 3500, the sum which you name ($35,000) is small.

(5) I do not agree with Mr. Bush. Why should we ship these machines when they have never been paid for and when there is very little chance of our ever receiving the money for them? There are plenty of phonographs out which are not in use, but which would be utilized if the N. A. P. Co. had any management. This ordering new phonographs is played out. I have instructed Mr. Tate to find out the exact number of regular phonographs made and shipped by the Works that are out; also to ascertain from Lombard the exact number of machines under rental and in use with slot-attachment. We can then ascertain how many phonographs in the hands of local Companies are lying idle. I think they will foot up to two thousand or more, in view of which these orders for new machines show such bad management that it would, in my opinion, be folly to deal with people responsible for such a state of affairs upon any but the strictest business principles,- or in other words, no trust.

(6) My idea in making the suggestion in regard to attaching phonographs is that we ought to be prepared to act very quickly so that no one can get ahead of us in filing a claim against any property of the N. A. P. Co. which may be available for debt.

Yours very truly,

Thomas A. Edison

February 12, 1891.

Messrs. Eaton & Lewis,

#130 Broadway,

New York City.

Dear Sirs:-

Your letter of 7th instant to the N. J. & Pa. Concentrating Works, re Lanning Deed of Mining Lands in Warren County, New Jersey, between Mr. Lanning and Chas. J. Reed, which document is returned to you herewith, was forwarded to Mr. Edison at Schenectady, who sent it back to me with the following note:

"All right! Have Elliott get new lease."

Yours very truly,

Private Secretary.

February 12, 1891.

Sidney B. Payne, Esq., Gen'l. Manager,

Edison Gen'l. Electric C New England District,

#38 Pearl St., Boston Mass.

Dear Sir:-

The enclosed letter is from Miss Annie K. Doak, a relative of Mr. Edison, who has been employed during the past year in the office of the Edison Phonograph Toy Manufacturing Co., Boston. Owing to the closing of that office Miss Doak is obliged to seek another position, and it has occurred to me that probably you could use her in some of your Departments, as a Stenographer and Typewriter, and I understand that the Edison Co. officials were well satisfied with the manner in which she performed her duties.

Yours very truly,

Private Secretary.

February 12, 1891.

Dear Miss Doak,-

Your letter of 11th instant is at hand.

I have heard from one of our friends in Boston, the Edison Electric Illuminating Co., whose reply I enclose herewith. Unfortunately there is no opening in that Company at the present time. There are several others, however, to hear from yet, and I hope that their responses will be more encouraging.

Yours very truly,

Private Secretary.

Miss Annie K. Doak,
c/o Boston Phonograph Toy Mfg. Co.,
#95 Milk St., Boston, Mass.

Feb. 12, 1891.

Mr. Harry A. Chase, Sec'y.,
Franklin Club, ROCHESTER,
N. Y.

Dear Sir:-

With reference to your letter of 9th instant, Mr. Edison is absent from home at the present time; it is therefore impossible for me to obtain for you his autograph.

Yours truly,

Private Secretary.

Feb. 12, 91.

H. M. Livor, Esq.,
#19 Dey Street,
New York City.

Dear Sir:-

I beg to confirm the following telegram sent to you this morning:

"Called to see you yesterday. Will call again about two to-morrow (Friday). A. O. Tate."

Yours truly,

February 12, 1891.

T. C. Martin, Esq.,

#150 B r o a d w a y ,

New York City.

Dear Sir:-

I am very much obliged for your letter of 11th inst., enclosing article on Cautery Battery.

In regard to ad., I am rearranging our battery advertisements, and when they are ready for insertion the "Electrical Engineer" will not be overlooked.

Yours very truly,

Private Secretary.

February 12, 1891.

W. J. Hammer, Esq.,
Temple Court, Beekman St.,
New York City.

Dear Sir:-

I am informed that yesterday afternoon you came to the Laboratory with some friends, and without asking permission of any one proceeded to show them through the premises. I beg to inform you that upon proper application there will be extended to visitors such privileges as are permitted in this Laboratory, but that no one without first obtaining permission has any right whatever to pass the Gate House. Those who have been connected with Mr. Edison and are, like yourself, in a position to appreciate the importance of adherence to a rule of this nature, should be the very last to infringe it.

Yours very truly,

Private Secretary.

February 12, 1891.

Thomas Butler, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

Have you succeeded yet in finding any trace of the Bell Telephone Co. assignments about which we have had some correspondence? It is very important that these documents should be found.

Yours very truly,

Private Secretary.

February 12, 1891.

Hon. Wm. Henry Trescot,

No. 1418 L Street, Washington, D. C.

Dear Sir:-

I beg to return herewith letter of the Hon. Patrick Egan, U. S. Minister, Santiago, Chili, addressed to yourself, the same having accompanied your letter of 8th of January last to Mr. Edison. The latter delayed replying to your communicating pending the receipt of definite information from the Edison United Phonograph Company with relation to the presentation of a phonograph to the National University of Chili. As I previously informed you, the presentation in question must be made through the United Company, without whose authorization Mr. Edison is powerless to act in the matter. He has written to the Company on the subject several times, impressing upon them the desirability of forwarding the instrument to Chili at once, but as yet he is without definite advice. I enclose herewith copy of the last communication which was sent to the Company, dated January 27th, 1891, and to which we have as yet received no reply.

Yours truly,

Private Secretary.

Feb. 13, 1891.

Edison Phonograph Works,

O r a n g e , N. J.

Dear Sir:-

I enclose herewith some correspondence from the Edison United Phonograph Co., in regard to seven barrels of cylinders which were shipped to the Paris Exposition for Mr. Edison, and re-shipped from there to the London office of the E. U. P. Co. It appears that these blanks were defective. I have therefore made the E. U. P. Co. an allowance of 25% on the price of the same, which amounts to $19.69. These blanks were billed by you against Mr. Edison, and I assume you will have no objection to sending us a credit memorandum for the same amount. Of course so far as our allowance for freight is concerned the Laboratory will have to stand that. Please let me hear from you at once, as I wish to write the E. U. P. Co. to-night.

Yours very truly,

Private Secretary.

February 13, 1891.

H. M. Francis Esq.,

S h e r b r o o k e , P. Q.,

Canada.

My dear Mr. Francis,-

I beg to advise you that your Doll has been repaired and has already gone forward to your address in Brooklyn. Trusting that it will now retain its speech and continue in good condition.

I am, yours very truly,

Private Secretary.

Feb. 13, 1891.

Felix Gottschalk, Esq., President,
Automatic Phonograph Exhibition Co.,
No. 13 Park Row, New York City.

My dear Mr. Gottschalk,-

I beg to acknowledge with many thanks the receipt of your letter of 12th instant, enclosing copy of a communication addressed by you to Mr. John P. Haines, requesting the latter to serve as one of the Trustees of your Company.

I think it very unfair for you to say that I made any insinuations when you were at the Laboratory. I expressed an opinion in as frank a manner as it could possibly have been put and gave you the facts from which it was deduced. This is a far different matter from indulging in innuendos.

Yours very truly,

Private Secretary.

February 13, 1891.

Col. M. T. Barrett,

Newark, N. J.

My dear Sir:-

I beg to thank you for your courteous reply to my letter, and for the appointment of Mr. Randolph as a Commissioner of Deeds. If I can in any way reciprocate your kindness it will give me pleasure to do so.

Yours very truly,

Private Secretary.

February 13, 1891.

Dear Mr. Edison,-

I enclose herewith a letter from Gottschalk and copy of letter addressed by him to Mr. Haines, together with my reply to the former. Gottschalk evidently remembers what I said to him. I hope he will continue to do so.

Yours very truly,

Thomas A. Edison, Esq.,
Edison Gen'l. Electric Co.,
Schenectady, N. Y.

Feb. 13, 1891.

W. E. Gilmore, Esq., Ass't. Gen'l. Manager,
Edison Gen'l. Elec. Co., Schenectady, N. Y.

Dear Sir:-

Please be kind enough to hand the enclosed letter from George Richards to Mr. Edison for his perusal, and very much oblige

Yours truly,

Private Secretary.

Feb. 13, 1891.

Mr. Kennelly,-

How many cells of the Taylor battery shall we obtain for test?

February 14, 1891.

Eugene H. Lewis, Esq.,
1230 Broadway,
New York City.

Dear Sir:-

Referring to your telegram asking me to send you in the original assignment of Edison to the Edison Phonograph Works of Toy Co. manufacturing agreement dated August 6, 1889, I enclose herewith a letter under date 21st April, 1890, addressed to me by Major Eaton, with which was enclosed a copy of this assignment (dated March 11, 1890). The original was never sent to us from Major Eaton's office. The minute book of the Edison Phonograph Works is in Major Eaton's office, and I would suggest your looking it up, as I believe it will furnish you important information respecting this assignment.

Yours very truly,

Private Secretary.

February 13, 1891.

Mr. J. H. Block,

M o s c o w , Russia.

My dear Sir:-

Your letter of January 8th has been received, and I take much pleasure in replying to it.

In regard to the absence of noise in phonograph reproductions, this improvement was effected first, by the substitution of sapphire points in the recording and reproducing diaphragms for the old steel ones which were formerly used; and second, because of the superior cylinders which are now in use, the wax being of a better quality and more suitable for the reception of phonographic records. The turning-off knives are now also made of sapphire, and they give a much smoother and more even surface than was possible with the steel knives.

Your letter of 7th instant to Mr. Edison has come to hand in his absence; it will be placed before him immediately upon his return to the Laboratory. The cablegram from Prof. Stoliefoff which you refer to was duly received by Mr. Edison and acknowledged by him to the Professor.

Yours very truly,

Private Sec'y.

February 14, 1891.

J. B. Skoman, Esq.,

#16 & 18 Broad Street,

New York City.

Dear Sir:-

Your letter of 13th instant to Mr. Edison, enclosing communication from the Acting Manager of the Smithsonian Institution relating to certain phonograph experiments upon monkeys, newspaper clipping in regard to which accompanied a previous letter of yours on the same subject, has been duly received. The whole correspondence shall be placed before Mr. Edison immediately upon his return from Schenectady. In the meantime I beg to thank you for the trouble which you have taken in the matter.

Yours truly,

Private Secretary.

Feb. 14, 91.

My dear Livor,

I will call at 19 Dey St. on Monday afternoon about three o'clock, when I hope I will find you there.

Yours very truly,

H. M. Livor, Esq.,

19 Dey St., New York,

February 16, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

With reference to the items on the attached bill in connection with Cases 906 & 907, will you please inform me what these cases are; also who Mr. Clarke is (item Clarke vs Edison). In future bills please indicate the number of the case and the name of it. I would also request that you embody the same information in your expense bills.

Yours truly,

Private Secretary.

February 16, 1891.

My Dear Lathrop,-

Replying to your letter of 14th instant, Mr. Edison is still in Schenectady. I think it is possible that he may be home by Wednesday or Thursday next, but I cannot obtain any definite information on the subject. Just as soon as I am able I will advise you by wire and will name a time for you and Col. McClure to come out.

Yours very truly,

A. Tate

Private Secretary.

George Parsons Lathrop, Esq.,
New London, Conn.

Feb. 16, 1891.

John S. Wise, Esq.,
Edison Gen'l. Electric Co.,
New York.

Dear Sir:-

I beg to confirm receipt of your telegram to Mr. Edison of even date, and my reply to same, as follows:

"Rapid Transit Co. telegraphs as follows: We have arranged if convenient to Mr. Edison to take his testimony at 3 o'clock this afternoon at Orange. Is this satisfactory? Answer will that suit. JNO. S. WISE."

"Mr. Edison is still in Schenectady. A. O. TATE."

Yours very truly,

A. O. Tate

Private Secretary.

February 17, 1891.

Messrs. Eaton & Lewis,

#120 B r o a d w a y ,

New York City.

Dear Sirs:-

Re enclosed notice from the Clerk of the Court of Chancery, Trenton, N. J., regarding Foreclosure proceedings brought by the Mutual Life Ins. Co. of New York against John C. Chandler et al, with respect to certain property upon which Mr. Edison holds a mortgage of $1,000, dated 12th day of June, 1890, which is also enclosed herewith, together with Bond of Mary S. Chandler: will you please do whatever is necessary in the premises. The mortgage is in default of interest on this mortgage, which was drawn and title to the property inspected and all details arranged by Geo. P. Kingsley, Esq., Orange, N. J., from whom you can obtain, or I can obtain for you, any further information that you may require.

Yours very truly,

Private Secretary.

February 17, 1891.

Mr. Thomas Butler,
Edison Building, Broad Street,
New York City.

Dear Sir:-

Mr. Randolph tells me that you requested him to pay the Edison Electric Light Co. of Europe, Limited, the amount owed by Mr. Edison to Philip S. Dyer, Agent, Antwerp, the same to be applied in connection with Mr. Dyer's accounting to the Edison Electric Light Co. of Europe, Limited. I beg to advise you that on the 14th instant, I received from the Edison General Electric Company a payment of $1,274.74, purporting to cover royalty on lamps sold through Mr. Dyer's agency from December 1, 1889 to December 31, 1890.

On what account is this further payment mentioned by you to Mr. Randolph to be made? It appears to be a duplication of the payment from the Edison General Electric Company.

Yours very truly,

Private Secretary.

February 18, 1891.

M r. E d i s o n ,-

Please read the attached correspondence from Gottschalk. It is very important that you should name a man for the seventh Trustee immediately; otherwise Gottschalk is going to claim that he did all he could to carry out your wishes, but found it impossible to do so, and Madden will remain on the Board. How would some one from Spencer Trask's office suit you - say Blodgett or Skehan?

Yours very truly,

February 18, 1891.

E. P. Rasetti, Esq.,
No. 76 Finsbury Pavement,
London, E. C., England.

Dear Sir.-

In reply to your letter of 27th ultimo I beg to say that Mr. Edison was not interested personally in any advertisements or in any catalogues connected with the Paris Exposition. If any advertisements were with authority inserted in any catalogues or any of the latter contracted for, the authorization must have come from some one of the Edison Companies, with the detail of whose affairs Mr. Edison is unfamiliar, having no connection therewith nor control over the same. It would appear that in the event of there being any claim the proper course is to address Mr. W. J. Hammer, Room #533, Temple Court, New York City, who from his connection with the matter must be familiar with it.

Yours very truly,

Private Secretary.

February 18, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

With reference to your letter of 12th instant regarding note books in which were recorded the experiments made by Mr. Edison prior to his application for patent on Motor-Meter (Patent No. 242,901), I have consulted Mr. Jno. Ott on this subject, and he has made a search for the note books but is unable to find them at the Laboratory. He says that "there are some very good curves contained in the note books referred to, showing the meter being constant, and quite proportionate to load." Mr. Ott says further that these experiments were conducted about the year 1883 or 1884, at 17th Street, New York, and he is of the opinion that parts of the model must be in the Laboratory now. Mr. Force and Mr. Hamilton assisted in the experiments. Mr. Ott says that the note books must be in the Vault in New York.

Yours truly,

Private Secretary.

February 18, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Replying to your letter of 12th instant, the record-books kept by Mr. W. S. Andrews while at the Goerck St. Works are not at the Laboratory. Mr. Ott has made a careful search for them and is quite sure they are not here; he thinks that they are in the New York Vault.

Yours truly,

Private Secretary.

Major S. B. Eaton,

#120 Broadway,

New York City.

February 19, 1891.

Dear Sir:-

I beg to acknowledge receipt of drafts of Edison Gen'l. Electric Company and the Railway contracts. I have my memorandum typewritten, and before making any changes in the contract itself I wish to submit it to Mr. Edison and obtain his approval, after which I will communicate with you further.

Yours very truly,

Private Secretary.

February 19, 1891.

Major S. B. Eaton,
#120 Broadway,
New York City.

Dear Sir:-

Referring to my letter to you under date 11th instant, in which I stated that I had instructed Mr. Tate to obtain certain information in regard to the number of phonographs in the hands of local Companies, I find the situation to be as follows:

Total number of Phonographs shipped by the E. P. W. upon orders of the N. A. P. Co. to local Companies.	7,202
Less Phonographs returned by local Companies and in store at E. P. W. at the present time.	2,140
Number of Phonographs in hands of local Companies.	5,062
Number of Phonographs under rental throughout the United States as per report of Mr. Lombard, Vice-President, N. A. P. Co.	2,800
Number of Phonographs lying idle in hands of local Companies.	2,262.

Of the Phonographs under rental, Mr. Lombard states that about 470 appear to be employed with automatic-nickel devices.

Yours very truly,

Thomas A. Edison

February 19, 1891.

My dear Shaw,-

Mr. Edison has 20 1/2 shares of the stock of the Edison Electric Illuminating Co. of Sunbury. This stock was in your name when he got it and he has never had it transferred. I have seen reports in the papers regarding the sale of the plant of this Company under a judgment. Can you tell me what was done? Have the stockholders any rights left, the right for instance to request the Secretary to transfer 20 1/2 shares to the name of the owner?

Yours very truly,

Private Secretary.

P. B. Shaw, Esq.,

Williamsport, Pa.

February 19, 1891.

Samuel Insull, Esq.,
Edison Building Broad Street,
New York City.

Dear Sir:-

On the 6th day of July, 1889, you sent to the German National Bank, of Newark, N. J., a letter, copy of which I enclose herewith, covering check for $5,000 to be deposited to the credit of the Edison Phonograph Company. There are no records to show on what account this money was received by the Company. Of course we know it was toy phonograph royalty and that the check came through the hands of the North Am. Phonograph Co., but we should have something in writing which can be filed as a reference. Have you any papers? Did you give the N. A. P. Co. a receipt for the check? If so, I could get a copy of the receipt, which possibly may explain the payment. As it stands now there is no record beyond the check itself.

Yours very truly,

Private Secretary.

M.

B.

COPY.

Orange, N. J. July 6, 1889.

German National Bank,

Newark, N. J.

Dear Sirs:-

Enclosed please find New York Exchange for five thousand dollars ($5,000), which place to the credit of the EDISON PHONOGRAPH COMPANY.

Yours truly,

(Signed) THOS. A. EDISON.
I.

February 21, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Replying to your letter of 20th instant, Mr. Edison is to leave Schenectady to-day, and he will arrive in Orange some time to-night.

Yours very truly,

Private Secretary.

February 24, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

Referring to your letters of 10th and 12th instants, in regard to patent #433,310, issued to me October 14th, 1890, for improvements in lamp bases, and to your request that I execute the form of assignment of this patent to the Edison General Electric Company, I beg to say that the invention is subject to the terms and conditions of what is known as the Laboratory Contract between me and the Edison Gen'l. Electric Co., as it was made during the progress of the prolonged negotiation of this contract. I have executed the assignment and return it to you herewith. If for any reason you should consider that I should not execute the same at this time, you can hold it.

Yours very truly,

Th. A. Edison

February 24, 1891.

Friend Villard,-

On my return to the laboratory this morning I found your letter of 20th instant. I will try and visit New York some day this week as you desire.

Regarding the transferring of power spoken of in the "Frankfurter Zeitung" article, translation and synopsis of which accompanied your letter under reply, there is no difficulty in doing it; but the use of the alternating current instead of the direct current is unworthy of practical men. The distance also is so great that it has only a sentimental interest. The interest and maintenance would exceed twice over the cost of local engine and coal.

Yours very truly,

Thos A Edison

Henry Villard, Esq.,
Mills Building, New York.

February 24, 1891.

Major S. B. Eaton,

#120 Broadway,

New York City.

Dear Sir:-

I enclose herewith two summonses, one addressed to Thomas A. Edison, the other to Edison Phonograph Works, as defendants in suits brought in the Third Circuit Court of the United States District, New Jersey, by the Edison Phonograph Toy Manufacturing Company, for actions upon contract wherein plaintiff claims fifty thousand dollars and one hundred and fifty thousand dollars, respectively, from defendants. These summonses are dated respectively 16th and 19th February, 1891, and were handed to a servant in Mr. Edison's house yesterday morning, 23rd instant, and by this servant given to Mr. Edison.

Yours very truly,

Private Secretary.

February 24, 1891.

Messrs. Dyer & Seely,

#36 Wall Street,

New York City.

Dear Sirs:-

Referring to your letter of 20th instant, Mr. Ott has found the model meter upon which the tests were made, and the same is at your disposal.

Yours very truly,

Private Secretary.

February 24, 1891.

John S. Wise, Esq.,

Edison Building, Broad St.,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent to you from this office to-day:

"Mr. Edison home. You can obtain deposition any time now. A. O. Tate."

Yours truly,

Private Secretary.

February 24, 1891.

My dear Insull,-

Referring to the attached correspondence in regard to the Electric Mutual Insurance Company, we know nothing about this Company here, and as you will see by Mr. Edison's notes, we will be glad to have some information. Our insurance is very ably attended to now by John H. Wood, and the rates we get are very reasonable. I should be sorry to see any change made in this connection.

Yours very truly,

Private Secretary.

Samuel Insull, Esq.,
Edison Bdg., Broad St.,
New York.

February 24, 1891.

J. C. Henderson, Esq., Engineer-in-Chief,

Edison General Electric Co., New York City.

Dear Sir:-

I beg to advise you that the blue prints showing the canvass of the Fourth District, New York City, referred to in your letter of 6th instant, were handed to Mr. Edison this morning, when he made his first appearance at the Laboratory since his return from Schenectady.

Yours truly,

Private Secretary.

February 24, 1891.

Major S. B. Eaton,

#120 B r o a d w a y ,

New York City.

Dear Sir:-

I assume that the attached refers to testimony of witnesses for North American Phonograph Company, in re New Jersey State tax. The position taken by the North American Phonograph Co. in this matter was that they were the real manufacturers of the phonograph; that the Edison Phonograph Works simply carried on their work, under contract, the same as an ordinary shop contractor undertakes to make and deliver certain parts of a machine. The Works instead of delivering parts made delivery of completed machines. The testimony to which I have reference is my own. I stated before the State Commissioner, as a witness for the N. A. P. Co., that that corporation was responsible for the whole cost of manufacture at the Works. I was questioned in regard to our method of billing, and in regard to the details of the business, and my testimony went to show that the N. A. P. Co. had to pay absolutely everything and give the Works a profit of 20%. We are now preparing a statement of account against the N. A. P. Co. which claims this 20% over and above all expenses. They may dis-

pute it. If they do, such a position will be entirely opposite to that taken by them in the matter of the State tax. Therefore, I thought it might assist us to have the record of their proceedings in connection with this tax, which would show that the consistency of the demands of the Works had practically been admitted by the North Am. Phono. Co. in connection with the above litigation.

Yours very truly,

Private Secretary.

Personal

Feb 24 97

Mr Edison Orange N.J.

My dear Upton:

I met a man yesterday who told me he had just come from my Fort Factory on ~~Bloomfield~~ Midland Avenue - that the gates are open or down - windows are being smashed and the building is open to any marauders who may come along.

Mr Edison wants you to have this attended to so that the place may be properly protected. He suggests putting some near resident to act as Caretaker at remuneration of say $10 per month.

Feb. 24, 91.

Major S. B. Eaton,
#120 Broadway, New York.

Dear Sir:-

I beg to confirm the following telegram sent to you this afternoon by Mr. Edison:

"Come over early to-morrow afternoon. T. A. Edison."

Yours truly,

Private Secretary.

February 24, 1891.

Mr. P. F. Gildea,

Kenvil, N. J.

Dear Sir:-

Mr. Edison has read your letter of 23rd instant, and he would like to see you at the Laboratory on Thursday or Friday of this week.

Yours very truly,

Private Secretary.

February 25, 1891.

J. B. Shehan, Esq.,

#16 & 18 Broad Street,

New York City.

Dear Sir:-

Mr. Edison has been asked to nominate a Director for the Automatic Phonograph Exhibition Company. There are to be seven members of the Board, six of whom are already named, the same being Samuel Insull, Jesse H. Lippincott, Thos. T. Eckert, Jr., Chas. P. Bruch, Felix Gottschalk and Chas. A. Cheever. Mr. Edison would like to have you serve as the seventh Director. It will occupy little, if any, of your time, and I shall be glad if you will let me know by bearer if your name can be proposed.

Yours very truly,

Private Secretary.

July 25/91

John W. Scott
120 William St New York City

Dear Sir.

We cannot take it
there only upon allow thirty 30% discount
on Business Total, as you included totals
of old and, while passing it last consignment
you allowed 15% discount
We are not aware of any reason why so this
it should be an error on your part,
Your kind attention will oblige

Yours truly,
Thos A Edison
W.

February 25, 1891.

Memo. for Mrs. Edison,-

Mr. Alexander Elliott will hand to you Deed, Thos. A. Edison, and Mina M., his wife, to the N. J. and Penn'a Concentrating Works, dated 25th Feb., 1891. Please sign this Deed as Mr. Elliott will direct.

Thos A Edison

February 25, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison Gen'l. Electric Company,

New York City.

Dear Sir:-

Replying to your letter of 10th instant, in which you ask what progress I have made with the twelve hour carbon for arc light, I beg to say that I have been so busily engaged with motors I was unable to do anything further on the subject mentioned.

Yours very truly,

February 25, 1891.

Samuel Insull, Esq., 2nd Vice-Pres't.,

Edison General Electric Company,

New York City.

Dear Sir:-

With reference to your letter of 10th instant dated at San Francisco in regard to motors, I beg to inform you that I have delivered to the Schenectady Works the following motors: 1/16, 1/4, 1/8 and 1/2.

Yours very truly,

Feb. 25, 1891.

My dear Shaw,-

I am very much obliged for your letter of 20th instant in regard to the Sunbury Company. I did not know who bought it in or where we stood with respect to the stock, but the information you give me is quite reassuring.

Yours very truly,

Private Secretary.

P. B. Shaw, Esq.,
Williamsport, Pa.

February 25, 1891.

A. D. Perry, Esq.,

#32 Wellington St. East,

Toronto, Canada.

Dear Sir:-

Mr. Edison has received your letter of 21st instant and asks me to say in reply that up to the present time the Storage Battery has not proved a commercial success owing to its heavy depreciation. If the ideal Storage Battery could be realized it would provide a beautiful system for the operation of street cars, but it is as yet undiscovered, and we have therefore to fall back upon the unsightly trolley system.

Yours very truly,

Private Secretary.

February 25, 1891.

Pierre Richemond, Esq.,

Hotel Victoria,

27th St. & Broadway, New York City.

Dear Sir:-

With reference to your letter of 23rd instant, Mr. Edison has just returned to Orange after several weeks' absence and is laid up with a severe cold, being unable to speak. An interview under these circumstances would be impracticable. With reference to your visiting Schenectady, you have a letter from Mr. Edison introducing you to Mr. John Kreusi, the Manager of the Schenectady Works, and I am sure that the latter will be glad to extend to you any privileges in his power.

Yours very truly,

Private Secretary.

February 25, 1891.

Mr. E. Skehan, Esq.,

Upper Montclair, N. J.

Dear Sir:-

Mr. Edison returned to the Laboratory yesterday after an absence of several weeks, and your recent correspondence relative to certain experiments upon monkeys with the aid of a phonograph which were conducted at the Smithsonian Institution, was submitted to him. He perused the same with much interest and is much obliged to you for having brought the matter to his attention.

Yours truly,

Private Secretary.

Feb. 25, 1891.

Mr. John Kreusi, Gen'l. Manager,
Edison General Electric Company,
Schenectady, N. Y.

Dear Sir:-

At Mr. Edison's request we sent to you yesterday the patterns of the 1/8th and 1/4 h. p. machines. You will notice that we have lengthened the bearings, making them four to one; these were too short in the first model. We are also in favor of putting a hub on spider that holds armature, as that would stiffen it up very much. We will send the patterns for the 1/16th, 1/2 and 1 h. p. motors immediately after Mr. Kennelly has tested them.

Yours very truly,

Edison Laboratory

By

Feb 25/91

O. E. Gilmore Esq
Edison Genl Elec Co
Schenectady N.Y.

Dear Sir: We sent today to your New York office our order #7411 for One Street Car Trolley pole Complete. We want this in a hurry for the Electric Ry Experiment and would be glad if you would express it to us on receipt of this so as to avoid the result of any possibly delay of the order in its struggle to reach your hands.

Yours truly
[illegible]
[illegible]

February 26, 1891.

Thomas Bailey, Esq.,

Edison Building, Broad Street,

New York City.

Dear Sir:-

I beg to confirm the following telegram sent you this afternoon by Mr. Edison:-

"Please get me for Saturday night three seats first, second or third rows, Sarah Bernhardt. Send them out to Randolph. Thos. A. Edison."

Yours truly,

Private Secretary.

F[illegible] 23, 1891.

Wm. Hooper, Esq., Managing Editor,
The American Engineer,
#230 La Salle St., Chicago, Ills.

Dear Sir:-

Upon Mr. Edison's return to the Laboratory a few days ago after an absence of seve[illegible] ~~weeks~~ your letter of 9th instant was handed to him. In reply he has no[illegible] that the resistance of flashed filaments at first diminishes, then increases ~~resistance of flashed~~ filaments increases.

[illegible]
Private Secretary.

February 26, 1891.

Prof. Wm. D. Marks,

#909 Sansom Street,

Philadelphia, Pa.

Dear Sir:-

On my return to the Laboratory a few days ago after an absence of several weeks I find your letter of 3rd instant, enclosing a clipping from "The Times" in regard to the boiler explosions at your Station. I read the whole correspondence concerning this matter in the "Valve." I wish you had taken Babcock and Wilcox boilers.

Yours very truly,

Thomas A. Edison

February 26, 1891.

Messrs. Arkell & Harrison,
Judge Building, Cor. 5th Ave. & 16th Street,
New York City.

Dear Sirs:-

I take pleasure in sending to you herewith the article which you asked me to have prepared for publication in "Frank Leslie's Illustrated Newspaper." It was written by my Assistant, Mr. Maguire, and is considered by us here an excellent description of the Laboratory. I will have made for you to-morrow, unless the present storm continues, in which case it will be impracticable for me to do so, blue prints of the Dynamo Room, the Store Room and the "Genius of Light" statue, to accompany the article, and will send the same to you at the earliest possible moment. Should you already have pictures of these, please let me know by return mail and oblige

Yours very truly,

Wm. Gale

Private Secretary.

M.

February 25, 1891.

Major S. B. Eaton,
#120 B r o a d w a y ,
New York City.

Dear Sir:-

Referring to our conversation of to-day in regard to Portuguese toy phonograph patent, when you suggested that I should write the Toy Phonograph Company stating that we had been notified that this patent required to be renewed before the 9th day of April next, Messrs. Dyer & Seely in their letter to me state that the Portuguese patent was taken out by them under instructions of the Edison Phonograph Toy Mfg. Co. Therefore instead of writing to the Toy Company I have addressed a letter to Mess. Dyer & Seely, saying that inasmuch as the patent was taken out at the Toy Company's request, they should notify the Toy Company with respect to its renewal. This avoids our entering into direct communication with the Toy Company.

Have you the copies of the waivers which Mr. Edison executed for royalties due him under his contract with the Toy Company, and could you kindly let me have duplicates of them?

Yours very truly,

Private Secretary.

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END

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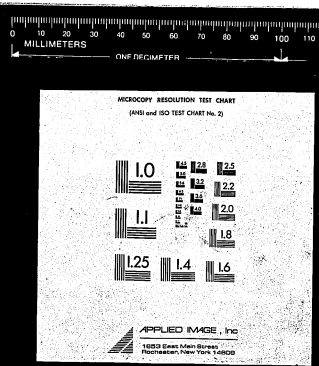

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